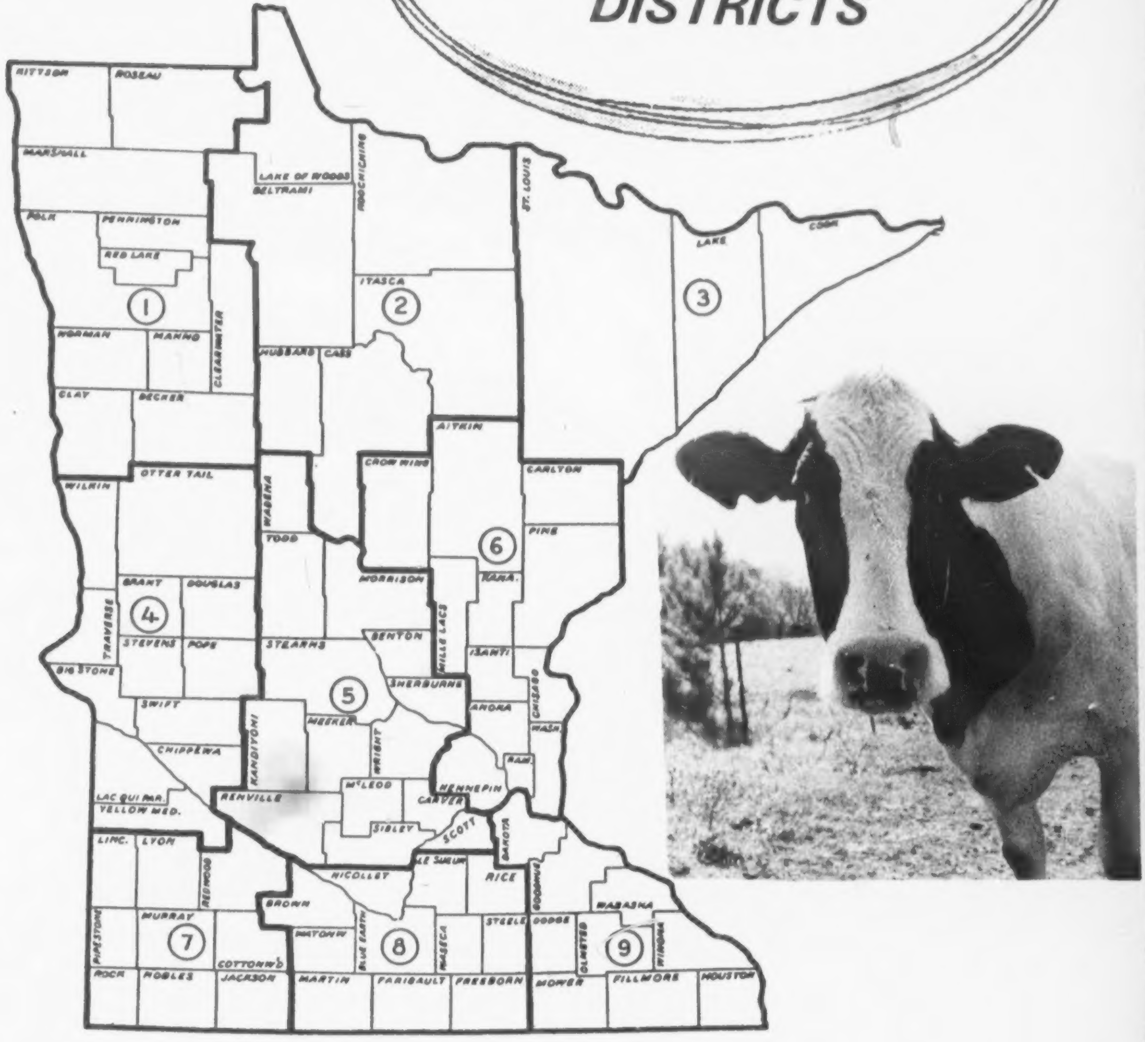
Minnesota Agriculture Statistics

1994

MINNESOTA'S *AGRICULTURAL STATISTICS DISTRICTS*



KITTSON
ROSEAU
MARSHALL
LAKE OF WOODS
BELTRAMI
KOOCHICHING
ST. LOUIS
POLK
PENNINGTON
RED LAKE
LAKE
COOK
ITASCA
1
2
3
NORMAN
MAHNO
CLEARWATER
HUBBARD
CASS
CLAY
BECKER
AITKIN
OTTER TAIL
WILKIN
CROW WING
CARLTON
WADENA
TODD
6
PINE
GRANT
DOUGLAS
KANA.
MORRISON
4
TRAVERSE
STEVENS
POPE
BENTON
MILLE LACS
ISANTI
STEARNS
BIG STONE
5
SHERBURNE
CHISAGO
ANOKA
SWIFT
MEEKER
KANDIYOHI
WRIGHT
WASH.
CHIPPEWA
RAM.
LAC QUI PAR.
McLEOD
HENNEPIN
RENVILLE
CARVER
YELLOW MED.
SIBLEY
SCOTT
DAKOTA
LINC.
LYON
LE SUEUR
REDWOOD
NICOLLET
RICE
GOODHUE
BROWN
WABASHA
MURRAY
WATONW
STEELE
DODGE
PIPESTONE
7
BLUE EARTH
8
WASECA
OLMSTED
9
WINONA
COTTONW'D
ROCK
NOBLES
JACKSON
MARTIN
FARIBAULT
FREEBORN
MOWER
FILLMORE
HOUSTON

Cover:

COVER PHOTO AND ALL PHOTOS IN THIS BOOK WERE PROVIDED COURTESY OF THE UNIVERSITY OF MINNESOTA'S AGRICULTURAL EXTENSION SERVICE

Minnesota Agriculture Statistics 1994

Michael A. Hunst, State Statistician
George Howse, Deputy State Statistician
Linda Wright, Editor
Audrey Magnuson and Michelle Linson, Typists

ADMINISTRATION

Carolyn Hayes
Sally Carlson
Arlene Doehling
Stephanie Brown

SURVEYS

Todd Karolczak
Bob Waldera

CROPS

Cecil Foss
Mark Miller

LIVESTOCK

Sy Phillippi
Chris Engen
Kerry Siekmann
Eileen Thurman

LIST SAMPLING FRAME & DATA MANAGEMENT

Larry Vogler
Roger Binning
Mike Krizan
Doris Webber
Muriel Whitmore
Lois Kieffer

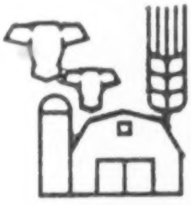
FIELD INTERVIEWERS

Orene Amberg - Bird Island
Delores Amundson - Lowry
Elizabeth Anderson - Princeton
Grace Anderson - Stephen
Pauline Berndt - Pelican Rapids
Viola Bjornson - Barnesville
Donald Bogue - Farmington
Marie Bottleberghe - Marshall
Elizabeth Buck - Zumbrota
Lee Case - Lake Crystal
Diane Corey - Herman
Joann Downing - Ivanhoe
Dorothy Eischens - Tracy
Julie Erickson - Lamberton
Eloise Finstad - Hanska
Jessie Gramstrup - Gilbert
Erliss Grass - Owatonna
Ann Hardcopf - Owatonna
Gary Johnson - St. James
Odean Johnson - New Richland
Sherry Katterhagen - Browerville
Edna Kawlewski - Richville
Kendra Lepisto - Pipestone
Kathy Lueck - Okabena
Paulette Melby - Greenbush
Irene Mensing - Blue Earth
Denise Mielimonka - Winona
LeMay Moe - Thief River Falls
Dennis Niemann - Lamberton
Vicki Oldham - Pipestone
Marie Owens - Angus
Erwin Panning - Hamburg
Sandy Peterson - Dawson
Robert Potter - Park Rapids
Roxanne Potter - Windom
Linda Rader - Dilworth
Lillian Russell - Byron
Carol Skarsten - Benson
Barbara Smith - Darwin
Arleda Tisdell - New York Mills
Diane Trudeau - Crookston
Julie VanDeWiele - Leota
Sylvia Vavra - Cambridge
Barbara Walsath - St. Hilaire
Evelyn Weiland - Willmar
Karen Wendroth - Richmond
Roger Wenschlag - Waubun

TELEPHONE INTERVIEWERS

Mary Kaye Alpaugh
Elizabeth Andrews
Gretchen Babou
Doris Davis
Ellen Erickson
Marsha Gawboy
Gloria Griffin
Nancy Henry
Robert Hylton
Linda Kaup
Gwen Kearney
Lorraine Lauren
Carol Lauren-Schmidt
Lucille Lyons
Erma McGuire
Majorie Neihart
Beverly Olson
Arta Rider
Eleanor Stafstrom
Elizabeth Strom

Minnesota Agricultural Statistics Service



P. O. Box 7068
90 West Plato Boulevard
St. Paul, Minnesota 55107
Phone (612) 296-2230

July 1994

Issued Cooperatively By

U.S. Department of Agriculture
National Agricultural Statistics Service
Don Bay, Acting Administrator

Minnesota
Department of Agriculture
Elton R. Redalen, Commissioner

- CONTENTS -

SECTION 1.

MINNESOTA'S AG RANKING, LAND VALUES, FARM NUMBERS, FARM INCOME, WEATHER SUMMARY

Page

Minnesota's Rank Among States 3
Leading Counties in Cash Receipts and Agricultural Production 4
Number of Farms, Land in Farms, Average Size 5
Percent of Income spent on Food by Countries 6
Farm Value Share by Various Products 7
Agricultural Exports 8
Value of Land & Buildings per Farm 8
Minnesota Farmland Values 9
Cash Rents 10
Farm Income, Expenses 11
County Estimates: Cash Receipts 12-13
Cash Receipts by Commodity 14
Geographic Distribution of Cash Receipts 15
Balance Sheet of Agriculture 15
Food System, Persons Supplied by 1 Farmworker 16
Value Added, Income Spent on Food 17
Climatic Summary 18-20

SECTION 2:

CROPS

1993 Crop Summary 22
Records in Crop Production, Grain Stocks, Prices 23
Charts: Corn & Soybean Yields 24
Geographic Distribution:
- Corn, Soybeans 25
- Wheat, Hay 26

Historic Crop Data:
- Corn, Soybeans, Oats, Barley, Rye 27
- Wheat, Flaxseed, Sugarbeets 28
- Sunflowers, Hay 29
- Dry Edible Beans 30
- Sweet Corn, Green Peas, Onions, Carrots, Apples 31
- Potatoes, including Stocks 32
- 1993 Corn Chemical Usage 33

County Estimates:
- Corn 34-35
- Corn for Silage 36-37
- Soybeans 38-39
- All Wheat 40-41
- Spring Wheat 42-43
- Oats 44-45
- All Hay 46-47
- Alfalfa Hay 48-49
- Barley 50
- Rye 51
- Potatoes 52
- Sugarbeets 53
- Dry Edible Beans 54
- All Sunflowers 55
- Oil Sunflowers, Flax 56
- Sweet Corn for Processing 57
- Green Peas for Processing 58

Average Planting & Harvesting Dates 59
Planting & Harvesting Charts, Major Crops 60
Grain & Hay Stocks 61
Grain & Hay Marketings by Months 62
Floriculture 63
Wild Rice Production 64
Fertilizer Usage 64
Farm Labor 65

SECTION 3:

LIVESTOCK, DAIRY, POULTRY

Summary, Number of Livestock Operations 67
Records in Livestock, Dairy, Poultry 68
Livestock Operations by Size Group 69
Livestock Inventories and Value 70
Cattle & Calf Disposition 71
Cattle Inventories, Production, Income 71
Cattle on Feed by Quarters 71
County Estimates:
- Cattle, Sheep 72-73
- Beef Cows, Milk Cows 74-75

Geographic Distribution:
- Cattle, Hogs, Sheep, Milk Cows 76-77

Sows Farrowed, Pig Crop, Disposition 78
Hogs & Pigs by Quarters 78
Hog Production & Income 79
Mink Production 79
Bees & Honey Production 79
County Estimates:
- Hogs on Farms, Annual Farrowings, Pig Crop 80-81

Sheep, Lambs Wool 82
Monthly Livestock Slaughter 83
Milk Production, Disposition, Income 84
Manufactured Dairy Products 84
Monthly Dairy Production 85
County Estimates:
- Milk Production, Milk Cows, Production per Cow 86-87

Charts: Milk Production, Milk Cows,
- Geographic Distribution of Production 88
- Number of Dairy Farms 89

Poultry Summary 90
Chickens, Broilers, Turkeys - Production, Value, Turkey Slaughter 91
District Estimates:
Pullets and Egg Production 92
- Poultry Charts 93

Monthly Poultry Production 94

SECTION 4:

FARM PRICES

Crop Prices 96-97
Livestock Prices 98-99
Dairy Prices 100
Poultry Prices 101
Prices Paid, Feeder Pigs 101
Charts: Prices Received, Major Minnesota Commodities, Price Index 102

Foreword

STATE OF MINNESOTA
DEPARTMENT OF AGRICULTURE
OFFICE OF THE COMMISSIONER

Oh, what a tangled web we weave ... when we seek to farm. Apologies to Shakespeare aside, 1993 was one of Minnesota's most disastrous seasons ever.

But farmers, by nature, are optimists. There's always "next year" and that hope is a mainstay which translates into a strong and viable industry in this state.

You may have heard that right now only about 5% of Minnesotans live on farms. While that's true, I'm here to tell you that agriculture's constituency - the number of people involved in and touched by agriculture - is far, far greater.

Agriculture and its related industries account for about one-quarter of the total industry output of this state and about one-quarter of the employment.

Yet many of those workers may have never set foot on a farm. Their livelihood depends on agriculture but their jobs are off the farm -- people like assembly workers who build farm machinery, people in food processing and retailing, those who run the railroads, waterways, and other transportation, and veterinarians and scientists working to develop new technologies.

Many people today are unaware of this connection. They no longer live on a farm so they see themselves as totally removed from agriculture.

But the fact is, not only do Minnesota farmers provide us with the safe, healthy food we need to eat to survive; agriculture is also responsible for the economic well-being of many, many Minnesotans.

We in agriculture can take a great deal of pride in the strength of our industry which is reflected in the pages of this book. I know I do. The best to all of you this year, and here's hoping for a more prosperous 1994!

Elton R. Redalen

Elton Redalen, Commissioner
Minnesota Department of Agriculture

The year of 1993 will not be remembered as a year Minnesota farmers will want to repeat. However, a year like 1993 highlights the need for accurate, unbiased information. These are numbers you've so helpfully provided to us during this past year -- the kind of numbers so necessary for the operation of your business.

Thanks to Minnesota farmers, county agents, grain elevator operators, and many more, we were able to keep the entire industry updated continually throughout the year, ensuring that everyone had the latest information on Minnesota agriculture.

Without your help, this *Minnesota Agriculture Statistics* book wouldn't have landed in your mailbox. We're mindful of that cooperative spirit each and every day. Our Commissioner has kindly noted that the door at the Department is always open. Ours is, too. I have recently taken over the position of Minnesota State Statistician from Carroll Rock who retired earlier this year. I'm looking forward to working with the Minnesota agricultural community to provide agricultural statistics so that Minnesota may be informed on their most important industry -- *agriculture*.

Michael A. Hunst

Michael A. Hunst, State Statistician
Minnesota Agricultural Statistics Service

SECTION 1

MINNESOTA'S AG RANKINGS, LAND VALUES, FARM NUMBERS, FARM INCOME, WEATHER SUMMARY

State Rankings

MINNESOTA'S RANK AMONG STATES

Item	1	2	3	4	5	6	7	8	9	10
CASH RECEIPTS, 1993										
Total	CA	TX	IA	KS	NE	IL	MN	WI	KY	FL
Crops	CA	TX	IL	NE	KY	FL	IA	MN	KS	IN
Livestock & Livestock Products	KS	IA	CA	TX	WI	NE	MN	NC	PA	AR
CROP PRODUCTION, 1993:										
Corn	IL	IA	NE	IN	OH	MN	MI	WI	KS	TX
Soybeans	IL	IA	IN	OH	MO	MN	NE	AR	MI	KS
All Wheat 1/	KS	ND	MT	WA	OK	TX	SD	ID	CO	NE
Spring Wheat	ND	MT	MN	SD	ID	WA	OR	CO	UT	WY
Oats	ND	SD	WI	MN	PA	IA	OH	TX	MI	NE
Barley	ND	MT	ID	MN	WA	SD	CA	OR	WY	UT
All Sunflowers	ND	SD	MN	KS	CO	NE	TX			
Dry Edible Beans	MI	ND	CO	CA	ID	NE	MN	WA	NY	WY
All Hay	SD	CA	NE	TX	MO	KS	WI	MN	MI	KY
All Potatoes	ID	WA	CO	OR	WI	ME	ND	MI	CA	MN
Sugarbeets	MN	ID	CA	MI	ND	NE	WY	MT	CO	TX
Flax	ND	SD	MN							
Rye	SD	GA	ND	NC	KS	MN	OK	NE	MI	SC
Sweet Corn For Processing	WI	WA	MN	OR	NY	ID	MI	MD	PA	
Green Peas For Processing	WA	WI	OR	MN	NY					
LIVESTOCK, DAIRY, POULTRY:										
Red Meat Production, 1993	IA	NE	KS	TX	IL	MN	CO	SD	NC	PA
Cattle/Calves, January 1, 1994 1/	TX	NE	KS	OK	MO	CA	IA	WI	SD	CO
Milk Cows, January 1, 1994	WI	CA	NY	PA	MN	TX	MI	OH	IA	WA
Cattle/Calves Marketed, 1993 1/	TX	NE	KS	OK	CO	IA	CA	SD	MO	WI
Cattle/Calves On Feed, Jan. 1, 1994 2/	TX	NE	KS	CO	IA	OK	CA	IL	MN	SD
Hogs, December 1, 1993	IA	IL	NC	MN	NE	IN	MO	SD	OH	KS
Pig Crop, 1993	IA	IL	NC	MN	IN	NE	MO	SD	OH	KS
Hogs Marketed, 1993	IA	IL	MN	NC	IN	NE	MO	SD	OH	KS
Stock Sheep & Lambs, Jan. 1, 1994 3/	TX	WY	CA	MT	SD	UT	NM	CO	OR	ID
Lamb Crop, 1993 4/	TX	WY	SD	MT	CA	UT	CO	OR	IA	ID
All Chickens, December 1, 1993 1/	CA	PA	GA	OH	IN	AR	TX	NC	IA	AL
Eggs Produced, Dec. 1992-Nov. 1993	CA	PA	IN	OH	GA	AR	TX	IA	NC	MN
Turkeys Raised, 1993 5/	NC	MN	AR	CA	MO	VA	IN	PA	IA	SC
Milk Production, 1993	WI	CA	NY	PA	MN	TX	MI	WA	OH	IA
Dairy Products Manufactured, 1993:										
Total Cheese	WI	CA	MN	NY	PA	IA	MO	SD	VT	NE
American Cheese	WI	MN	CA	ID	IA	NY	OR	SD	KS	VT
Italian Cheese	WI	CA	NY	PA	SD	MN	WA	IL	CO	
Butter	CA	WI	WA	PA	MN	OH	NY	KS	MI	OR
Ice Cream	CA	PA	OH	TX	IN	NY	MN	MA	NC	IL
Mink Pelts Produced, 1992	WI	UT	MN	OR	ID	WA	IA	SD	PA	OH
Honey Produced, 1993	CA	SD	FL	ND	MN	ID	TX	MT	WI	MI
AGRICULTURAL EXPORTS, Fiscal 1993	CA	IA	IL	NE	TX	KS	MN	ND	IN	WA

1/ Minnesota ranks 11th.
2/ Illinois and Minnesota tied for 8th place.
3/ Minnesota ranks 13th.
4/ Minnesota ranks 12th, Iowa and Idaho tied for 9th place.
5/ Missouri and Virginia tied for 5th place.

County Rankings

MINNESOTA'S LEADING AGRICULTURAL COUNTIES

Item	1	2	3	4	5	6	7	8	9	10
1992 CASH FARM RECEIPTS:										
Total	Polk	Stearns	Otter Tail	Renville	Redwood	Kandiyohi	Martin	Blue Earth	Nobles	Clay
Crops	Polk	Renville	Clay	Marshall	Redwood	Martin	Kittson	Faribault	Norman	Wilkin
Livestock	Stearns	Otter Tail	Kandiyohi	Morrison	Todd	Fillmore	Goodhue	Nobles	Redwood	Winona
Government Payments	Polk	Marshall	Kittson	Roseau	Norman	Clay	Freeborn	Fillmore	Otter Tail	Martin
1993 CROP PRODUCTION:										
Corn For Grain	Renville	Blue Earth	Faribault	Freeborn	Mower	Fillmore	Redwood	Goodhue	Nicollet	Swift
Soybeans	Blue Earth	Renville	Redwood	Mower	Faribault	Yel. Med	Martin	Sibley	Jackson	Freeborn
All Wheat	Polk	Norman	Clay	Marshall	Wilkin	Traverse	Kittson	Grant	Roseau	Otter Tail
Oats	Stearns	Otter Tail	Todd	Douglas	Morrison	Fillmore	Goodhue	Pope	Winona	Pen'ngton
Barley	Polk	Norman	Marshall	Clay	Pen'ngton	Mahnomen	Wilkin	Red Lake	Kittson	Roseau
Sunflowers	Polk	Marshall	Norman	Clay	Wilkin	Pen'ngton	Roseau	Red Lake	Mahnomen	Becker
Sugarbeets	Polk	Clay	Norman	Marshall	Wilkin	Renville	Kittson	Chippewa	Kandiyohi	Grant
Rye	Sherburne	Morrison	Anoka	Isanti	Stearns	Benton	Hubbard	Wadena	Chisago	
Flax	Marshall	Roseau	Kittson	Lk. of Wd						
Dry Edible Beans	Polk	Hubbard	Otter Tail	Marshall	Renville	Grant	Wadena	Swift	Wilkin	Clay
All Hay	Otter Tail	Stearns	Todd	Fillmore	Goodhue	Winona	Wabasha	Morrison	Polk	Olmsted
Potatoes 1/	Polk	Sherburne	Morrison	Marshall	Todd	Clay	Red Lake	Kittson	Lk. of Wd	Norman
Green Peas	Waseca	Mower	Renville	Olmsted	Goodhue	Steele	Brown	Sibley	Dakota	Redwood
Sweet Corn	Renville	Goodhue	Faribault	Brown	Sibley	Olmsted	Dakota	Wabasha	Waseca	Freeborn
LIVESTOCK, DAIRY, AND POULTRY:										
Cattle & Calves, Jan. 1, 1994	Stearns	Otter Tail	Fillmore	Morrison	Goodhue	Winona	Todd	Wabasha	Houston	Olmsted
Beef Cows, Jan. 1, 1994	Fillmore	Otter Tail	Houston	Beltrami	Roseau	Cass	Olmsted	Clearwater	Polk	Wabasha
Milk Cows, Jan. 1, 1994	Stearns	Otter Tail	Morrison	Todd	Goodhue	Winona	Wabasha	Wright	Fillmore	Carver
Milk Prod., 1993	Stearns	Otter Tail	Morrison	Todd	Goodhue	Winona	Wabasha	Wright	Fillmore	Carver
Stock Sheep & Lambs Jan. 1, 1994	Otter Tail	Murray	Lincoln	Pipestone	Lyon	Nobles	Jackson	Fillmore	Goodhue	Marshall
Hogs, Dec. 1, 1993	Martin	Blue Earth	Nobles	Redwood	Jackson	Lyon	Freeborn	Renville	Mower	Brown
Pig Crop, 1993	Martin	Nobles	Blue Earth	Stearns	Redwood	Lyon	Jackson	Freeborn	Nicollet	Rock
Cattle & Calves On Feed, Jan. 1, 1994 2/	Nobles	Cottonw'd	Rock	Stevens	Redwood	Lyon	Stearns	Renville	Murray	Jackson

1/ Includes published counties only.

2/ Rock and Stevens tied for 3rd place.

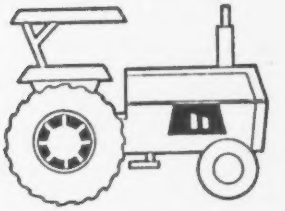
Farm Numbers

The number of farms in Minnesota dropped 1,000 to 87,000 during the period of June 1, 1992 to June 1, 1993.

There were no gainers in farms between Minnesota and the surrounding states. North Dakota and Wisconsin held steady, while South Dakota lost 500. Minnesota, Nebraska, and Illinois lost 1,000 farms and Iowa, Michigan, and Indiana lost 2,000.

The number of farms in the United States in 1993 was estimated at 2,068,240 down 1% from 1992.

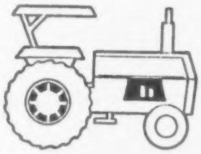
Total land in U.S. farms for 1993 was 978 million acres, down from the 980 million in 1992. Land in farms has declined every year since reaching its peak at 1,206 million acres in 1954.



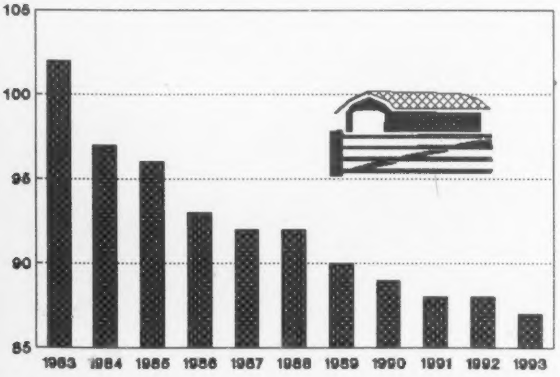
MINNESOTA FARM NUMBERS, FARMLAND, AND AVERAGE FARM SIZE

Year	Number Of Farms	Land In Farms	Avg. Size Of Farms
	Number	000 Acres	Acres
1983	102,000	30,400	298
1984	97,000	30,400	313
1985	96,000	30,400	317
1986	93,000	30,000	323
1987	92,000	30,000	326
1988	92,000	30,000	326
1989	90,000	30,000	333
1990	89,000	30,000	337
1991	88,000	30,000	341
1992	88,000	29,800	339
1993	87,000	29,700	341

Farms are defined as places which had annual sales of agricultural products of $1,000 or more.



MINNESOTA FARM NUMBERS
(THOUSANDS)



Minnesota
Number of Farms by Sales Class

Year	$1,000-9,999	$10,000-99,999	$100,000 & over
1988	35,600	38,400	18,000
1989	35,000	37,500	17,500
1990	32,000	38,500	18,500
1991	32,000	36,000	20,000
1992	31,000	33,500	23,500
1993	31,000	34,000	22,000

*MINNESOTA FARM NUMBERS, AVERAGE FARM SIZE, AND TOTAL LAND IN FARMS, 1987 AND 1992 **

DISTRICT AND COUNTY	NUMBER OF FARMS		AVERAGE FARM SIZE		TOTAL LAND LAND IN FARMS	
	1987	1992	1987	1992	1987	1992
	-Number-		-Acres-		-Acres-	
Becker	1,220	1,037	326	364	397,385	377,693
Clay	1,017	875	579	648	588,808	566,981
Clearwater	699	583	328	362	229,537	210,897
Kittson	576	521	865	927	498,259	482,991
Mahnomen	393	368	501	507	197,078	186,573
Marshall	1,299	1,012	631	736	819,664	744,710
Norman	718	581	658	788	472,449	457,670
Pennington	585	480	523	584	305,784	280,089
Polk	1,556	1,334	691	782	1,075,711	1,042,850
Red Lake	404	352	521	520	210,348	183,208
Roseau	1,124	891	546	602	613,736	536,299
Northwest	9,591	8,034	564	631	5,408,759	5,069,961
Beltrami	742	647	328	348	243,679	224,923
Cass	685	595	286	336	195,569	200,199
Hubbard	460	387	269	290	123,875	112,412
Itasca	541	420	228	257	123,555	107,810
Koochiching	248	189	328	364	81,284	68,778
Lake of the Woods	222	176	536	589	118,959	103,665
North Central	2,898	2,414	306	339	886,921	817,787
Cook	9	7	143	178	1,283	1,249
Lake	47	35	136	150	6,404	5,262
St. Louis	921	677	195	226	180,030	153,188
Northeast	977	719	192	222	187,717	159,699
Big Stone	504	460	550	570	277,071	262,207
Chippewa	820	689	400	474	327,916	326,804
Douglas	1,091	956	239	272	260,294	260,125
Grant	555	471	517	571	286,857	269,147
Lac Qui Parle	972	866	423	468	411,194	405,029
Otter Tail	2,925	2,509	300	327	876,319	821,073
Pope	961	816	341	380	328,165	310,135
Stevens	619	538	477	532	295,499	286,337
Swift	884	760	447	513	395,484	389,897
Traverse	457	385	683	806	312,130	310,184
Wilkin	505	456	846	923	426,995	420,778
Yellow Medicine	1,027	923	402	442	412,568	407,953
West Central	11,320	9,829	407	455	4,610,492	4,469,669
Benton	954	865	193	212	184,412	183,760
Carver	1,038	901	161	184	167,532	165,961
Kandiyohi	1,219	1,113	310	324	377,392	360,500
McLeod	1,303	1,114	198	225	258,172	250,507
Meeker	1,153	1,076	259	280	298,623	301,111
Morrison	1,911	1,807	225	234	430,023	422,916
Renville	1,455	1,302	388	461	563,931	600,114
Scott	924	838	145	157	134,420	131,753
Sherburne	604	530	206	222	124,288	117,701
Sibley	1,252	1,059	269	294	336,712	311,849
Stearns	3,185	2,972	211	217	671,895	643,762
Todd	1,946	1,768	215	223	418,136	395,071
Wadena	689	602	259	285	178,124	171,412
Wright	1,841	1,584	157	172	288,429	272,540
Central	19,474	17,531	228	247	4,432,089	4,328,957

* Data from the Department of Commerce 1992 Census of Agriculture.

*MINNESOTA FARM NUMBERS, AVERAGE FARM SIZE, AND TOTAL LAND IN FARMS, 1987 AND 1992 **

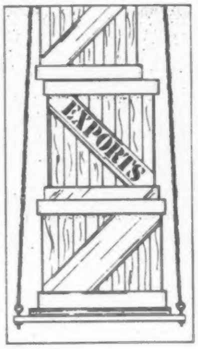
DISTRICT AND COUNTY	NUMBER OF FARMS		AVERAGE FARM SIZE		TOTAL LAND LAND IN FARMS	
	1987	1992	1987	1992	1987	1992
	-Number-		-Acres-		-Acres-	
Aitkin	640	563	278	299	178,100	168,073
Anoka	579	507	129	122	74,443	61,832
Carlton	649	509	205	223	132,863	113,422
Chisago	885	778	173	178	152,717	138,594
Crow Wing	585	509	226	257	132,410	130,683
Hennepin	852	683	107	116	91,078	79,183
Isanti	817	680	175	193	142,998	131,563
Kanabec	771	650	213	224	164,403	145,545
Mille Lacs	833	739	184	193	153,315	142,432
Pine	1,085	979	239	269	258,878	263,274
Ramsey	61	44	35	49	2,146	2,142
Washington	736	647	149	156	109,442	100,774
East Central	8,493	7,288	188	203	1,592,793	1,477,517
Cottonwood	970	876	389	428	377,506	374,920
Jackson	1,074	1,027	367	390	394,000	401,039
Lincoln	748	696	338	367	253,044	255,453
Lyon	1,036	947	355	417	368,115	395,023
Murray	995	903	374	416	372,454	375,628
Nobles	1,269	1,199	326	347	413,816	416,570
Pipestone	785	778	314	325	246,804	252,658
Redwood	1,435	1,259	359	391	514,462	491,726
Rock	843	791	309	342	260,092	270,332
Southwest	9,155	8,476	350	381	3,200,293	3,233,349
Blue Earth	1,280	1,091	314	351	401,557	383,373
Brown	1,317	1,190	255	292	335,559	347,420
Faribault	1,160	1,016	369	408	427,986	414,710
Freeborn	1,358	1,154	283	318	384,001	366,534
Le Sueur	932	845	239	243	222,523	205,031
Martin	1,269	1,123	341	367	433,285	412,660
Nicollet	892	786	280	308	250,061	241,930
Rice	1,186	1,099	190	207	225,762	227,519
Steele	951	819	246	283	234,126	231,610
Waseca	813	759	285	313	231,788	237,239
Watonwan	748	663	338	377	252,824	249,731
South Central	11,906	10,545	286	315	3,399,472	3,317,757
Dakota	986	869	223	255	219,920	221,193
Dodge	830	740	288	326	239,443	241,148
Fillmore	1,695	1,618	266	274	451,054	443,496
Goodhue	1,686	1,540	231	246	389,539	379,603
Houston	1,073	974	266	279	285,056	272,049
Mower	1,341	1,214	288	323	385,648	392,615
Olmsted	1,446	1,270	220	241	318,748	305,831
Wabasha	1,034	928	247	265	255,550	245,686
Winona	1,174	1,090	264	267	310,325	290,627
Southeast	11,265	10,243	253	273	2,855,283	2,792,248
Minnesota	85,079	75,079	312	342	26,573,819	25,666,944

* Data from the Department of Commerce 1992 Census of Agriculture.

Exports

Minnesota held onto its #7 slot in farm exports as '93 fiscal export records show. The value of the state's exports came to almost $2 billion versus $2.1 billion in 1992. Exports accounted for 30% of the $6.54 billion in cash receipts that farmers reported in 1993.

The table at the right shows the value of farm exports by commodity group. These figures are not actual exports but are derived from Minnesota's contribution to U.S. production and/or sales. They reflect Minnesota's important stake in the national export market.

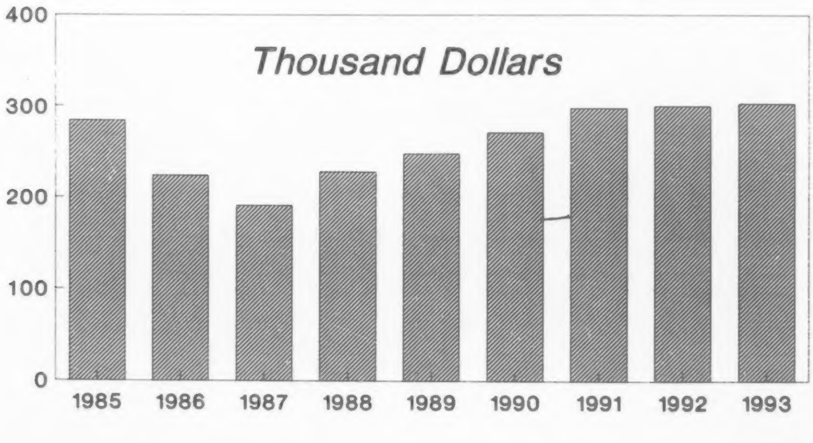


1993 MINNESOTA AG EXPORTS WORTH $1.99 BILLION

	(Million Dollars)
Feed Grains & Products	$498.2
Soybeans & Products	$482.9
Wheat & Products	$343.5
Live Animals & Meat (Excludes Poultry)	$149.1
Vegetables & Preparations	$147.0
Feeds & Fodder	$77.9
Dairy Products	$64.9
Hides & Skins	$49.1
Poultry & Products	$36.2
Sunflower Seed & Oil	$23.8
Fats, Oils, Greases	$21.6
Seeds	$25.3
Other	$68.7
TOTAL	*$1,988.2*

(Totals do not add due to rounding.)

Value of Land & Buildings
per Farm, Minnesota



LAND VALUES

The University of Minnesota's *Land Values Survey,* published in our previous *Agricultural Statistics* is no more. University administrators have decided to cease financial and staff support for this activity. Taking its place will be a new series of land price studies.

The new series is built from recorded property transfers, not from a mail survey.

Official land transfer records (Minnesota Department of Revenue Certificates of Real Estate Value) do not provide the wealth of detail that was obtained by the Survey. In particular, they tell us little about the "value" of land, or about methods of financing, or about characteristics of buyers and sellers. The new series tells us no more than -- and no less than -- the actual price of land that is transferred through "arms-length" sales.

The new series reports the recorded sales prices for all land parcels greater than 35 acres that were previously classified as "agricultural" for property tax purposes and for which the buyer has indicated no immediate intention of changing use. Transactions are reported on an October-September "record year" basis. The sales price includes building values.

The new series and the Survey move in the same directions but at different levels. This difference might be due to the Survey reporting only January-June sales, or to the Survey's use of an average weighted by the number of farmland acres in each reporting county. The new series does not use this particular technique.

One must be careful when making summary pronouncements about land prices. All that we actually observe are the recorded prices of more than a thousand individual parcels of varying characteristics scattered throughout the state. The "price" or the "average price" that we commonly report is merely a single number that we think best captures the flavor of this whole range of observed prices.

An "area mean," is the quotient of total dollar sales in a region divided by the total acreage sold in the same region.

Source: "Minnesota Agricultural Economist",
Phillip M. Raup; Steven V. Taff, Dept. of Agricultural and Applied Economics, University of Minnesota, 1994

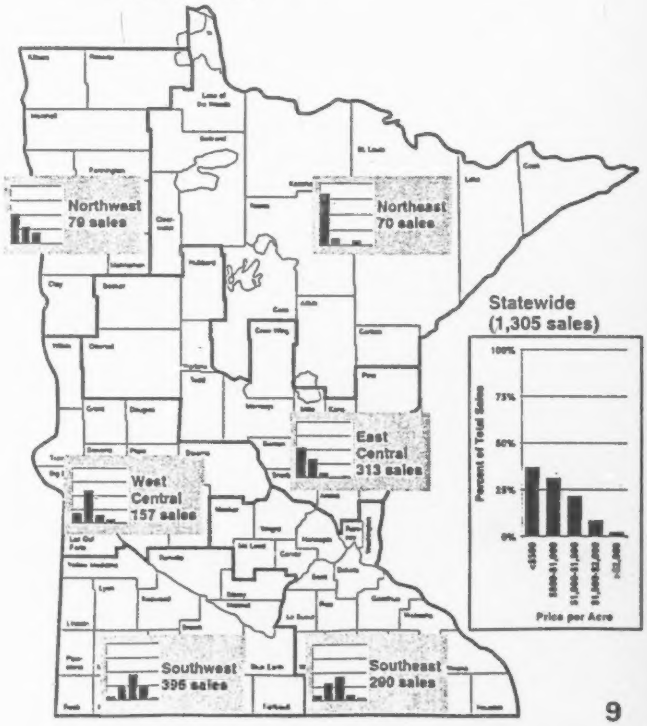
Recorded Minnesota Farmland Sales Prices by District: 1993 Record Year

		Sales Price (Dollars per acre)	
District	Number of Sales	Transaction Mean	Median
East Central	313	611	456
Northeast	70	383	269
Northwest	79	588	475
Southeast	290	1,114	1,061
Southwest	396	1,239	1,250
West Central	157	803	743
State Total	1,305	923	865

Change in Average Recorded Minnesota Farmland Prices: 1992-1993

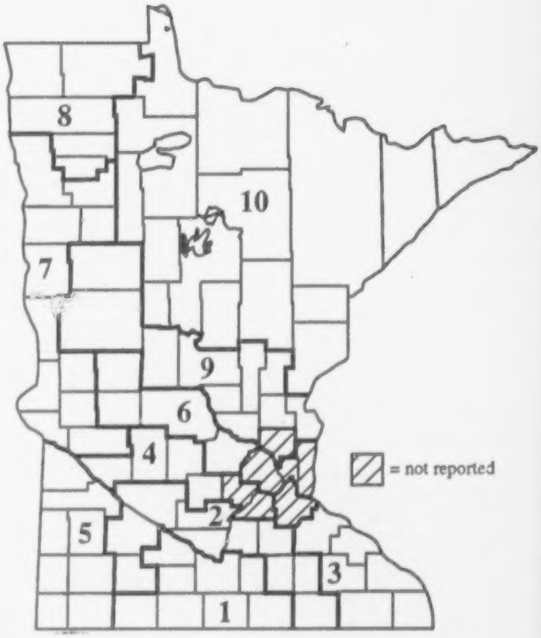
	1992	1993	
District	Area Mean	Area Mean	1992-93 Change (%)
East Central	437	507	16
Northeast	252	290	15
Northwest	500	586	17
Southeast	904	1,020	13
Southwest	1,145	1,160	1
West Central	738	772	5
State Total	799	838	5

Recorded Farmland Prices by Reporting District: 1993 Record Year



Minnesota's Farm Cash Rent 1993-94 1/

More than two-thirds of the farmland rented in Minnesota is rented for cash. This percentage varies from more than three-quarters in the south central regions (regions 1 and 2) to as low as 50 to 60 percent in heavier livestock and more risky cropping areas, such as regions 5, 8, and 10. Tracking changes in cash rental rates is important in helping landlords, farm operators and others in arriving at fair cash rental rates.



The average cash rent for land of average quality in 1993 was estimated to be about $60 per acre, up four percent from 1992. Rents ranged from $27 to $89 per acre over the major agricultural regions (regions 1 through 9). Rents were stable in the south central and central regions (region 1 and 6), and up only one to three percent in the central, west central and northeastern regions (regions 4, 7, 9, and 10). Rents in the southeastern and southwestern regions (regions 2, 3, and 5) increased four to five percent. The northwestern region (region 8) experienced a two percent decline. The seven-county metro area is not included in the regional or state averages.

Expected declines in 1994 rents are fairly evenly distributed across land qualities. Statewide, rents for low-quality land are expected to decline by three percent compared with two percent for better land. In regions 2, 3, and 9, rents for low quality land were expected to decline a bit more than for high- and average-quality land. In regions 4, 6, 7, 8, and 10, the pattern was reversed.

Region	Percent Leased For Cash	Estimated Avg. Cash Rent/Acre. 1992	1993 Estimated Rent			1994 Expected Change		
			high	avg.	low	high	avg.	low
1	80	$88.59	$104.68	$88.87	$70.30	$101.65	$86.09	$68.18
2	77	79.42	101.22	82.98	64.37	97.88	79.98	61.34
3	74	72.80	93.27	76.27	56.09	90.84	74.08	53.87
4	75	67.66	87.19	69.03	50.85	84.36	66.70	49.71
5	62	64.57	79.97	67.46	53.71	77.58	65.59	51.66
6	68	39.63	52.51	39.52	27.02	52.11	39.30	26.92
7	71	48.42	60.53	49.45	38.73	60.01	48.95	38.63
8	56	32.99	40.92	32.42	23.70	40.67	32.55	23.69
9	72	26.17	37.26	27.05	17.66	36.75	26.73	17.25
10	48	12.14	17.13	12.24	7.97	16.91	12.09	8.02
State-Wide	70	58.10	74.17	60.55	46.23	72.35	59.02	44.85

1/ Source: William F. Lazarus, Extension Economist, Minnesota Extension Service.

Farm Income

Minnesota cash receipts in 1992 of $7.1 billion fell 4% from 1991. Government payments continued their decline, dropping 3% from 1991. At $422 million, payments were 65% less than the record set in 1987. Production expenses were down only 2% from 1991 while total gross income edged up 1%.

Minnesota's net farm income gained 16.5% from 1991 to 1992, mostly the result of net changes in farm inventories.

The typical Minnesota farm generated $80,478 in cash receipts in 1992. Government payments came to $4,795 per farm. The average farm had $73,807 in production expenses, leaving a total net farm income of $16,824 per farm.

TOTAL INCOME OF MINNESOTA FARMS

Year	Cash Receipts From Farm Marketings	Government Payments	Non-Money Income 1/	Other Farm Income 2/	Net Change In Farm Inventories 3/	Total Gross Farm Income	Total Farm Production Expenses	Total Net Farm Income
					Million Dollars			
1987	6,084.5	1,193.8	191.4	210.0	-162.7	7,517.1	5,356.5	2,160.6
1988	6,233.3	1,035.9	231.7	229.3	-554.1	7,176.2	5,715.3	1,460.9
1989	6,505.9	599.9	249.1	247.6	637.9	8,240.4	6,057.5	2,182.9
1990	6,888.5	511.8	267.3	270.1	571.2	8,508.8	6,452.7	2,056.1
1991	7,378.1	435.8	263.7	247.9	-440.5	7,885.0	6,614.4	1,270.6
1992	7,082.1	422.0	265.5	226.4	-20.4	7,975.5	6,495.0	1,480.5
1993 4/	6,536.8							

1/ Includes value of home consumption and housing.

2/ Includes income from custom work, machine hire, and recreation.

3/ Estimated physical change in crops and livestock owned by farmers, valued at average prices prevailing during the year.

4/ Detailed data are not available at time of publication.

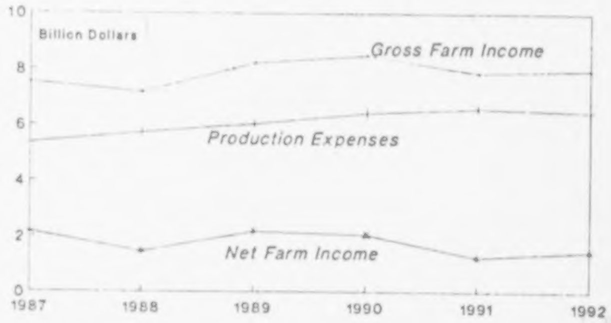
Note: Figures may not add due to rounding.

AVERAGE INCOME PER MINNESOTA FARM 1/

Year	Number Of Farms	Total Gross Farm Income	Farm Production Expenses	Total Net Farm Income
	000		Dollars	
1987	92	81,708	58,223	23,485
1988	92	78,002	62,123	15,879
1989	90	91,560	67,306	24,254
1990	89	95,604	72,502	23,102
1991	88	89,602	75,164	14,438
1992	88	90,631	73,807	16,824

1/ Farms having annual sales of ag products of $1,000 or more.

Minnesota Farm Income and Production Expenses



MINNESOTA CASH RECEIPTS RECEIVED BY FARMERS, BY DISTRICT AND COUNTY

District And County	1991				1992			
	Crops	Livestock 1/	Government Payments	Total	Crops	Livestock 1/	Government Payments	Total
		Thousand Dollars				Thousand Dollars		
Becker	26,247	65,318	5,029	96,594	22,012	63,333	4,239	89,584
Clay	115,240	26,967	12,362	154,569	117,453	26,441	10,088	153,982
Clearwater	10,932	21,155	861	32,948	7,576	20,542	751	28,869
Kittson	60,434	5,342	14,391	80,167	87,131	5,282	12,423	104,836
Mahnomen	16,259	7,577	2,925	26,761	14,510	7,629	2,652	24,791
Marshall	83,959	9,932	23,422	117,313	113,912	8,690	20,755	143,357
Norman	78,027	9,564	14,198	101,789	83,518	9,763	11,629	104,910
Pennington	21,149	10,005	7,777	38,931	31,511	10,203	6,548	48,262
Polk	206,087	24,438	26,801	257,326	230,265	26,379	22,562	279,206
Red Lake	17,114	8,975	5,451	31,540	18,991	9,429	4,965	33,385
Roseau	40,895	25,139	12,563	78,597	47,291	25,635	11,915	84,841
Northwest	676,343	214,412	125,780	1,016,535	774,170	213,326	108,527	1,096,023
Beltrami	9,543	14,447	975	24,965	7,523	14,582	1,149	23,254
Cass	2,394	14,489	663	17,546	1,456	14,439	496	16,391
Hubbard	14,038	9,156	552	23,746	13,497	8,634	651	22,782
Itasca	1,515	5,685	82	7,282	1,469	5,885	71	7,425
Koochiching	1,388	3,623	231	5,242	768	3,699	256	4,723
Lake of Woods	5,870	2,967	1,279	10,116	4,768	2,552	1,316	8,636
North Central	34,748	50,367	3,782	88,897	29,481	49,791	3,939	83,211
Lake	223	159	6	388	233	154	10	397
St. Louis	3,697	11,019	232	14,948	3,703	10,769	201	14,673
Northeast	3,920	11,178	238	15,336	3,936	10,923	211	15,070
Big Stone	42,779	21,538	4,274	68,591	34,296	20,473	3,994	58,763
Chippewa	85,306	19,166	4,326	108,798	69,547	19,093	4,034	92,674
Douglas	19,041	37,581	3,460	60,082	12,579	41,368	3,345	57,292
Grant	52,376	15,910	5,859	74,145	47,117	16,583	5,084	68,784
Lac Qui Parle	75,683	31,329	7,925	114,937	57,446	34,640	8,045	100,131
Otter Tail	71,781	135,969	9,056	216,806	54,170	141,798	9,020	204,988
Pope	38,030	33,948	5,518	77,496	28,583	36,463	5,198	70,244
Stevens	56,995	62,732	6,952	126,679	45,621	65,140	6,034	116,795
Swift	79,635	32,195	6,741	118,571	57,911	33,140	6,308	97,359
Traverse	58,628	19,476	5,461	83,565	58,269	16,281	4,360	78,910
Wilkin	77,754	6,101	7,118	90,973	82,354	5,633	6,497	94,484
Yellow Medicine	93,362	34,460	7,432	135,254	67,775	37,399	7,534	112,708
West Central	751,370	450,405	74,122	1,275,897	615,668	468,011	69,453	1,153,132
Benton	10,898	65,046	1,757	77,701	8,422	64,697	1,774	74,893
Carver	20,554	49,690	2,222	72,466	16,625	52,985	1,983	71,593
Kandiyohi	70,186	125,847	7,483	203,516	49,755	123,396	7,348	180,499
Mc Leod	43,607	46,385	3,046	93,038	34,438	48,684	3,138	86,260
Meeker	52,363	63,351	5,328	121,042	36,494	61,913	5,326	103,733
Morrison	17,832	115,764	2,532	136,128	11,794	118,603	2,784	133,181
Renville	157,361	60,502	7,434	225,297	128,867	63,032	8,037	199,936
Scott	17,884	31,257	1,396	50,537	13,765	32,599	1,268	47,632
Sherburne	23,276	24,049	1,326	48,651	20,381	22,352	1,441	44,174
Sibley	66,180	69,639	4,430	140,249	53,661	69,844	4,383	127,888
Stearns	49,243	224,111	8,106	281,460	34,981	229,567	7,462	272,010
Todd	19,371	93,228	2,669	115,268	13,994	96,324	2,482	112,800
Wadena	5,858	26,425	975	33,258	3,635	27,347	1,041	32,023
Wright	34,152	63,532	2,922	100,606	25,971	63,793	2,782	92,546
Central	588,765	1,058,826	51,626	1,699,217	452,783	1,075,136	51,249	1,579,168

See footnote at end of table.

MINNESOTA CASH RECEIPTS RECEIVED BY FARMERS, BY DISTRICT AND COUNTY (CONT'D)

District And County	1991				1992			
	Crops	Livestock 1/	Government Payments	Total	Crops	Livestock 1/	Government Payments	Total
	Thousand Dollars				Thousand Dollars			
Aitkin	4,857	14,576	298	19,731	3,124	14,654	256	18,034
Anoka	16,531	9,514	591	26,636	16,392	8,956	560	25,908
Carlton	2,240	10,014	122	12,376	2,166	10,268	174	12,608
Chisago	14,907	17,232	1,336	33,475	12,997	18,451	1,204	32,652
Crow Wing	3,435	12,512	392	16,339	2,582	11,475	365	14,422
Hennepin	24,086	16,555	679	41,320	24,366	17,519	686	42,571
Isanti	12,923	11,826	1,545	26,294	8,753	11,946	1,540	22,239
Kanabec	4,129	24,462	694	29,285	2,959	24,517	617	28,093
Mille Lacs	5,913	28,985	769	35,667	4,479	30,230	789	35,498
Pine	4,720	32,462	866	38,048	3,656	33,072	954	37,682
Ramsey	6,023	913	5	6,941	6,712	974	4	7,690
Washington	23,752	10,870	1,186	35,808	20,271	12,193	1,245	33,709
East Central	123,516	189,921	8,483	321,920	108,457	194,255	8,394	311,106
Cottonwood	75,892	72,883	6,840	155,615	65,153	71,562	7,418	144,133
Jackson	80,882	68,003	7,281	156,166	68,812	61,262	8,342	138,416
Lincoln	37,198	40,933	6,551	84,682	23,052	40,258	6,634	69,944
Lyon	80,066	71,368	6,758	158,192	61,090	70,911	6,626	138,627
Murray	76,095	53,988	6,259	136,342	56,284	60,678	6,519	123,481
Nobles	87,807	90,044	6,477	184,328	58,063	90,400	7,158	155,621
Pipestone	43,650	46,028	3,635	93,313	26,787	44,598	3,797	75,182
Redwood	118,438	86,392	8,087	212,917	99,233	88,987	8,327	196,547
Rock	51,475	75,187	4,424	131,086	36,681	79,080	4,823	120,584
Southwest	651,503	604,826	56,312	1,312,641	495,155	607,736	59,644	1,162,535
Blue Earth	75,581	77,780	6,599	159,960	76,951	74,708	7,187	158,846
Brown	65,454	81,178	4,843	151,475	58,087	78,680	5,339	142,106
Faribault	92,426	61,443	7,209	161,078	86,865	57,002	7,338	151,205
Freeborn	91,721	61,694	9,442	162,857	78,700	58,275	9,474	146,449
Le Sueur	36,490	43,862	5,320	85,672	29,833	45,427	5,322	80,582
Martin	87,914	84,938	7,650	180,502	90,418	80,065	8,616	179,099
Nicollet	54,546	57,134	3,679	115,359	46,377	59,730	4,221	110,328
Rice	30,333	66,660	5,280	102,273	25,487	64,730	5,243	95,460
Steele	53,463	41,106	5,787	100,356	39,772	40,121	5,983	85,876
Waseca	55,602	32,008	5,483	93,093	46,883	28,512	5,574	80,969
Watonwan	49,260	41,413	4,497	95,170	54,480	42,116	5,549	102,145
South Central	692,790	649,216	65,789	1,407,795	633,853	629,366	69,846	1,333,065
Dakota	51,150	40,882	4,111	96,143	42,304	39,330	4,040	85,674
Dodge	49,972	49,315	4,787	104,074	35,109	49,735	4,981	89,825
Fillmore	55,209	97,791	9,196	162,196	33,858	93,611	9,401	136,870
Goodhue	56,335	88,804	5,946	151,085	38,784	90,553	5,744	135,081
Houston	18,701	69,624	3,432	91,757	12,737	67,944	3,474	84,155
Mower	91,847	56,030	8,006	155,883	67,604	54,301	8,367	130,272
Olmsted	42,072	67,174	6,852	116,098	25,427	68,402	7,092	100,921
Wabasha	27,198	63,303	3,745	94,246	17,944	65,779	3,995	87,718
Winona	24,816	81,887	3,612	110,315	16,288	84,551	3,666	104,505
Southeast	417,300	614,810	49,687	1,081,797	290,055	614,206	50,760	955,021
Minnesota	3,940,255	3,843,961	435,819	8,220,035	3,403,558	3,862,750	422,023	7,688,331

1/ Includes estimates of inter-farm and intra-state sales of livestock, resulting in larger total cash receipts than shown in USDA estimates on pages 11 and 14.

SOURCE: BUREAU OF ECONOMIC ANALYSIS, U.S. DEPARTMENT OF COMMERCE, WASHINGTON, D.C.

MINNESOTA CASH RECEIPTS FROM FARM MARKETINGS 1/

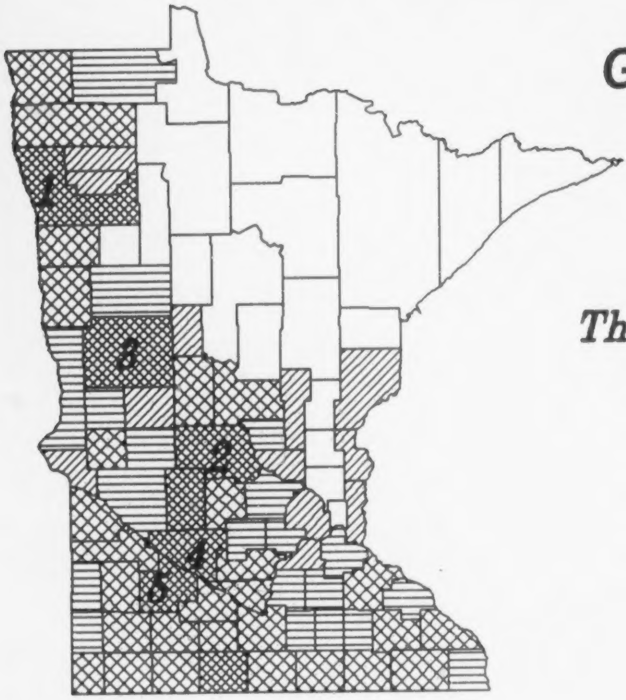
Commodity	- 1990 - Dollars	- 1990 - Percent Of Total	- 1991 - Dollars	- 1991 - Percent Of Total	- 1992 - Dollars	- 1992 - Percent Of Total
CROPS: 2/	000	Percent	000	Percent	000	Percent
FEED CROPS						
Corn	1,068,749	15.5	1,429,810	19.4	1,219,341	17.4
Oats	24,619	0.3	17,021	0.2	15,290	.2
Barley	79,838	1.2	79,445	1.1	87,187	1.2
Hay	121,793	1.8	116,565	1.6	99,121	1.4
FOOD GRAINS						
Wheat	282,056	4.1	307,257	4.2	377,749	5.4
Rye	1,433	*	1,136	*	1,055	*
OIL CROPS						
Soybeans	957,517	13.9	1,231,756	16.7	916,400	13.0
Sunflowers	20,952	0.3	36,154	0.5	40,383	.6
VEGETABLE CROPS						
Potatoes	96,850	1.4	86,419	1.2	78,916	1.1
Sweet Corn (Process)	46,968	0.7	50,980	0.7	42,897	.6
Green Peas (Process)	28,035	0.4	24,986	0.3	36,733	.5
Sugarbeets	263,963	3.8	248,074	3.4	327,191	4.7
Dry Beans	29,118	0.4	32,565	0.4	31,016	.5
Apples	7,194	0.1	9,371	0.1	8,896	1
Floriculture	41,071	0.6	42,588	0.6	49,671	.7
Other Crops, Fruits, Vegetables 3/	68,931	1.0	71,440	1.0	81,025	1.2
TOTAL CROPS	3,139,087	45.5	3,785,567	51.3	3,412,871	48.6
LIVESTOCK PRODUCTS:						
MEAT ANIMALS						
Cattle & Calves	913,695	13.3	977,560	13.2	971,661	13.8
Hogs	967,161	14.0	906,539	12.3	856,057	12.2
Sheep & Lambs	12,387	0.2	13,166	0.2	17,723	.3
DAIRY PRODUCTS	1,308,119	19.0	1,148,720	15.6	1,249,663	17.8
POULTRY & EGGS						
Turkeys	298,172	4.3	289,872	3.9	279,930	4.0
Broilers	63,437	0.9	67,650	0.9	71,619	1.0
Farm Chickens	1,534	*	634	*	998	*
Eggs	120,160	1.7	121,365	1.6	95,838	1.4
Honey	6,164	0.1	8,845	0.1	9,234	.1
Miscellaneous Other Livestock & Products 4/	58,545	0.8	58,173	0.8	57,455	.8
TOTAL LIVESTOCK	3,749,374	54.4	3,592,524	48.7	3,610,178	51.4
TOTAL ALL CROPS AND LIVESTOCK	6,888,461	100.0	7,378,091	100.0	7,023,049	100.0

1/ 1990 and 1991 are revised; 1992 is preliminary. 2/ Includes Commodity Credit loans (calculated by crop open market sales plus net CCC loans). 3/ Flax, Kentucky bluegrass, red clover, timothy, and other seeds; asparagus, green lima beans, snap beans, cabbage, onions, carrots, cucumbers, miscellaneous vegetables, mushrooms, other fruits, and field crops. 4/ Wool, mink, goats, horses, mules, ducks, geese, beeswax, turkey eggs, and other livestock and poultry. * Less than 0.1%. NOTE: Percents may not add to totals because of rounding.

Geographic Distribution

Cash Farm Receipts

Thousands of Dollars, 1992



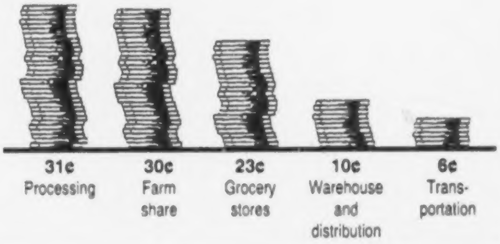
MINNESOTA'S FARM BALANCE SHEET 1/

Item	1989	1990	1991	1992	1993 2/
			--Million Dollars--		
Total Farm Assets:	30,192.3	32,779.0	35,021.6	35,020.5	35,484.2
Real Estate 3/	19,340.5	21,646.4	23,594.3	23,472.0	23,653.0
Livestock And Poultry 4/	2,125.0	2,230.2	2,344.7	2,197.7	2,345.7
Machinery And Motor Vehicles 5/	4,632.5	4,808.3	4,835.7	4,882.9	4,905.0
Crops 6/	1,932.7	1,850.5	1,921.7	1,933.6	1,781.9
Purchased Inputs	250.2	189.2	210.3	224.9	347.0
Financial	1,911.4	2,054.4	2,114.8	2,309.4	2,451.7
Total Farm Debt:	6,694.5	6,552.5	6,393.0	6,583.0	6,707.6
Real Estate 7/	3,750.3	3,543.8	3,428.6	3,450.0	3,498.9
Nonreal Estate 8/	2,944.2	3,008.7	2,964.4	3,133.0	3,208.7
Equity	23,497.8	26,226.6	28,628.6	28,437.6	28,776.6
			--Ratio--		
Debt/Equity	28.5	25.0	22.3	23.1	23.3
Debt/Assets	22.2	20.0	18.3	18.8	18.9

1/ December 31 previous year. 2/ Preliminary. 3/ Excludes value of operator dwelling. 4/ Total inventory value. Excludes broilers and turkeys. 5/ Includes only farm share value for trucks and autos. 6/ All non-CCC crops held on farms plus the value above loan rate for crops held under CCC. 7/ Excludes debt on operator dwellings but includes CCC storage and drying facility loans. 8/ Excludes debt for nonfarm purposes.

Why does food cost money?

Who gets the money we spend on groceries? It gets divided many ways to pay the costs of the production cycle. Here's how each 1992 dollar we spent on food at the grocery store was shared.

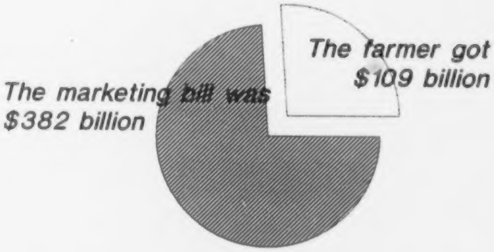


Is each group's share of the dollar all profit? No way! For example, farmers must pay for fuel, seed, machinery, insurance, etc. with their share of the money.

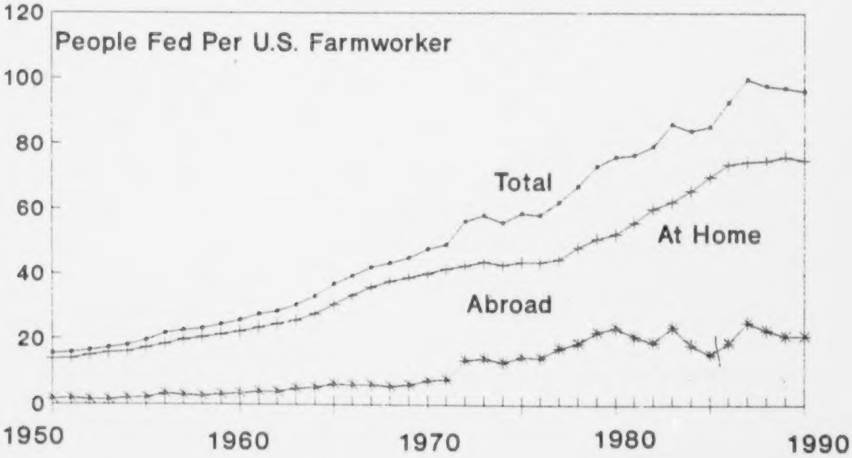
Graphics courtesy of the Minnesota Agriculture in the Classroom program.

THE 1993 FOOD BILL

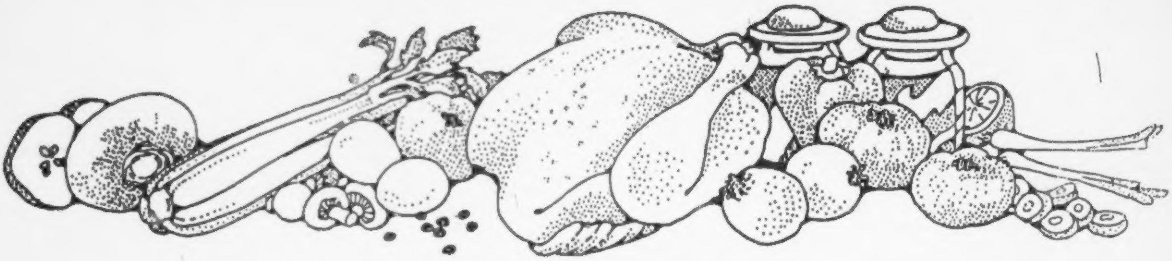
Here's Where It Went



HOW MANY PEOPLE DOES ONE FARMWORKER FEED?

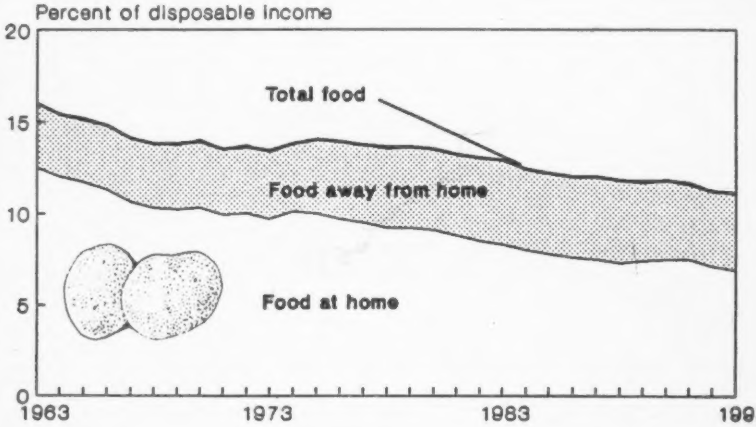


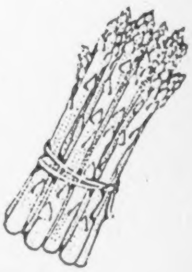
NOTE: The U.S. Department of Agriculture has discontinued the "People Fed Per U.S. Farmworker" series. This is the latest information available.



Share of income spent for food

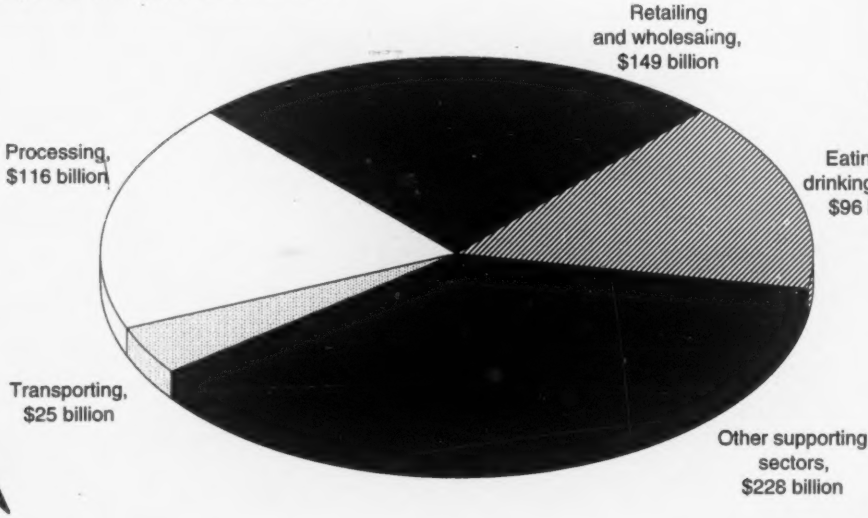
Food spending by families and individuals has declined to 11.1 percent of disposable personal income in the last 30 years.





Estimated value added in food marketing system, 1992

The food marketing system added an estimated $614 billion to raw products in 1992 compared with $596 billion in 1991.



1993 Climatic Summary

The months of May through August of 1993 will be remembered as the wettest such period in Minnesota's recorded climate history. The torrential rains that impacted nearly all of the Midwest left many locations in Minnesota with precipitation totals exceeding 200 percent of the mean, the equivalent of two summers worth of rain. Roughly one half of Minnesota ranked at, or above, the 99th percentile for May through August rainfall. A value above the 99th percentile means that those locations nearly broke or broke, all-time May through August annual rainfall for many of those areas. Record breaking rainfall over such a broad area for such an extended period of time is unprecedented in Minnesota's 103 year climate record.

The same atmospheric conditions that led to the heavy rains, also led to extraordinarily low evaporation rates. Cloudy and cool weather, in tandem with persistently high relative humidity, combined to dramatically reduce the atmosphere's ability to evaporate water from the surface. For the first time since such records have been kept, precipitation totals exceeded pan evaporation values for the May through August period. The lack of evaporation exaggerated an already serious hydrologic imbalance.

The unceasing thunderstorms began in early May in southwestern Minnesota. Torrential rains just before Mother's Day led to significant urban and rural flooding in the Marshall and Pipestone areas. Throughout southern Minnesota in May, extremely wet soils delayed or eliminated prospects for agricultural field work.

The deluge continued during June, drenching many areas of the southern third of Minnesota with more than 10 inches of rain. Some locations reported June totals exceeding 15 inches. The pivotal rainfall event of the period was a large storm system that struck southern Minnesota on June 16th and 17th. Four or more inches of rain fell across much of the Minnesota River basin. Falling on already saturated ground and swollen water bodies, the rain led to large scale flooding. The flooding in southern Minnesota marked the beginning of the natural disaster that plagued the Midwest.

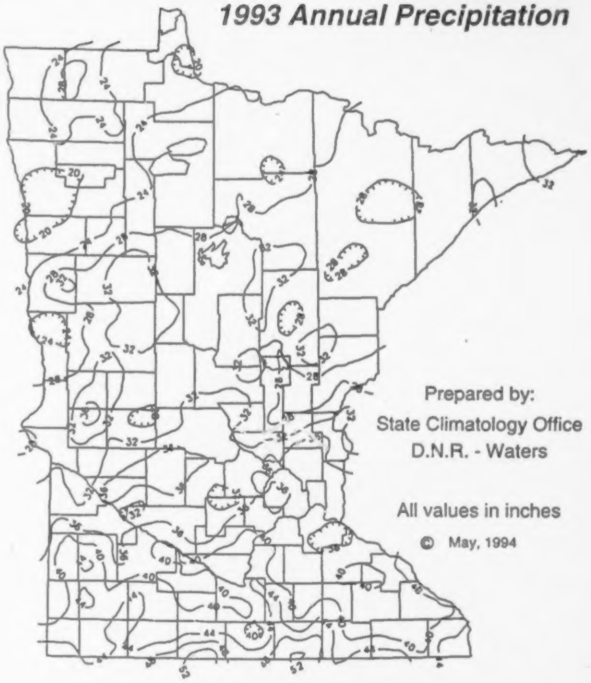
July brought a continuation of the extremely wet weather. Heavy rains persisted in southern Minnesota, but also began to affect the west and north. West central, northwestern, and northeastern Minnesota encountered flooding problems due to downpours that often dropped many inches of rain in just a few hours.

The most significant rainfall event of the last summer occurred on August 15th and 16th along a line that stretched from near New Ulm to south of Austin. A multi-county area received more than four inches of precipitation in this storm. Eight inches of rain or more fell in southern Freeborn and Mower counties. Falling upon already saturated ground, this storm caused wide-spread soil erosion and rural flooding, as well as serious urban flooding in Austin and elsewhere.

Fortunately the rain slackened in the late summer and early fall. However, this dry weather was not accompanied by the warm temperatures needed to adequately dry crops and soils. September of 1993 ranked among the coolest September on record, and with some exceptions, October was also quite cool.

Division of Waters, DNR
State Climatology Office

1993 Annual Precipitation

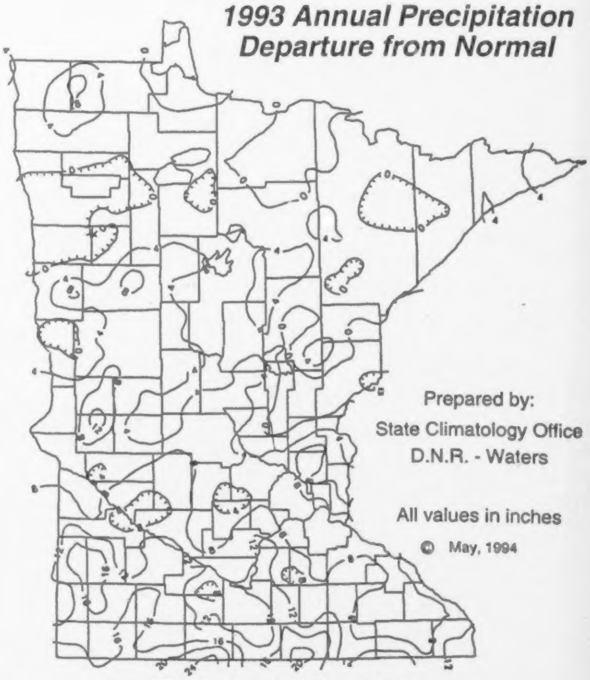


Prepared by:
State Climatology Office
D.N.R. - Waters

All values in inches

© May, 1994

1993 Annual Precipitation Departure from Normal



Prepared by:
State Climatology Office
D.N.R. - Waters

All values in inches

© May, 1994

Data source: National Weather Service, Soil & Water Conservation Districts, DNR Forestry, Metro Mosquito Control, Back Yard Rain Gauge Network, Future Farmers of America, Deep Portage Conservation Reserve, Minnesota Association of Watershed Districts

MEDIAN FROST DATES IN MINNESOTA BASED ON AVERAGES FROM 1948-1992

District And Station	County	Average Date Of Last Temperature Occurrence In Spring Of:			Average Date Of First Temperature Occurrence In Fall Of:			Number Of Days Between Average Last Spring And First Fall Occurrence Of:		
		24°F	28°F	32°F	32°F	28°F	24°F	32°F	28°F	24°F
Northwest:										
Ada	Norman	Apr 24	May 6	May 14	Sep 24	Oct 2	Oct 13	133	153	176
Argyle	Marshall	Apr 26	May 9	May 18	Sep 22	Sep 28	Oct 10	126	143	168
Crookston	Polk	Apr 25	May 8	May 16	Sep 23	Sep 29	Oct 13	129	145	170
Detroit Lakes	Becker	May 2	May 10	May 21	Sep 17	Sep 24	Oct 5	116	139	157
Fosston	Polk	Apr 26	May 7	May 17	Sep 21	Sep 28	Oct 16	127	146	173
Hallock	Kittson	Apr 27	May 9	May 19	Sep 23	Oct 2	Oct 10	126	144	165
Moorhead	Clay	Apr 21	May 6	May 13	Sep 24	Oct 4	Oct 15	135	152	178
Red Lake Falls	Red Lake	Apr 20	May 8	May 17	Sep 22	Sep 28	Oct 10	127	141	176
Roseau	Roseau	May 4	May 14	May 25	Sep 16	Sep 25	Oct 7	112	137	159
Warroad	Roseau	Apr 30	May 10	May 21	Sep 23	Sep 28	Oct 12	124	141	165
North Central:										
Baudette	Lake of Woods	Apr 28	May 9	May 22	Sep 22	Sep 28	Oct 13	122	146	164
Bemidji	Beltrami	May 4	May 9	May 22	Sep 22	Sep 27	Oct 15	124	139	164
Big Falls	Koochiching	May 4	May 15	Jun 1	Sep 15	Sep 24	Oct 5	108	135	159
Grand Rapids	Itasca	Apr 27	May 9	May 23	Sep 20	Sep 27	Oct 9	116	141	165
Intl Falls	Koochiching	Apr 29	May 12	May 24	Sep 17	Sep 25	Oct 8	114	138	163
Park Rapids	Hubbard	May 1	May 8	May 19	Sep 20	Sep 27	Oct 7	124	143	162
Northeast:										
Babbitt	St. Louis	Apr 28	May 9	May 21	Sep 23	Oct 5	Oct 22	125	153	174
Duluth (Airport)	St. Louis	Apr 24	May 9	May 20	Sep 22	Oct 5	Oct 17	124	154	175
Grand Marais	Cook	Apr 17	May 1	May 15	Sep 30	Oct 19	Oct 30	138	171	194
Hibbing	St. Louis	Apr 28	May 12	May 29	Sep 13	Sep 26	Oct 6	107	137	163
West Central:										
Alexandria	Douglas	Apr 13	Apr 24	May 8	Oct 1	Oct 12	Oct 25	146	169	194
Benson	Swift	Apr 13	Apr 29	May 7	Sep 30	Oct 10	Oct 18	146	166	189
Campbell	Wilkin	Apr 20	Apr 29	May 10	Sep 24	Oct 2	Oct 14	136	156	179
Canby	Yellow Med.	Apr 14	Apr 28	May 8	Oct 1	Oct 10	Oct 21	147	163	189
Fergus Falls	Otter Tail	Apr 16	Apr 30	May 9	Sep 27	Oct 9	Oct 21	143	162	188
Madison	Lac Qui Parle	Apr 14	Apr 29	May 7	Sep 28	Oct 9	Oct 20	144	166	192
Montevideo	Lac Qui Parle	Apr 13	Apr 28	May 7	Sep 30	Oct 10	Oct 21	146	169	192
Morris	Stevens	Apr 14	Apr 29	May 8	Sep 27	Oct 6	Oct 17	143	161	185
Wheaton	Traverse	Apr 15	Apr 28	May 10	Sep 28	Oct 10	Oct 23	143	162	189
Central:										
Gaylord	Sibley	Apr 9	Apr 17	Apr 30	Oct 5	Oct 14	Oct 24	159	180	193
Jordan	Scott	Apr 13	Apr 28	May 10	Sep 27	Oct 7	Oct 20	143	164	190
Little Falls	Morrison	Apr 19	May 2	May 12	Sep 24	Oct 3	Oct 17	136	154	181
Melrose	Stearns	Apr 12	Apr 28	May 11	Sep 24	Oct 5	Oct 16	138	160	186
St. Cloud	Stearns	Apr 19	May 1	May 12	Sep 24	Oct 5	Oct 17	138	157	180
Wadena	Wadena	Apr 22	May 3	May 12	Sep 24	Oct 3	Oct 18	137	156	180
Willmar	Kandiyohi	Apr 12	Apr 24	May 2	Oct 3	Oct 14	Oct 24	154	172	193
East Central:										
Aitkin	Aitkin	Apr 23	May 6	May 19	Sep 23	Sep 28	Oct 18	126	149	176
Brainerd	Crow Wing	Apr 22	May 4	May 12	Sep 20	Oct 1	Oct 16	132	151	175
Hinckley	Pine	Apr 22	May 6	May 20	Sep 22	Sep 28	Oct 10	120	147	172
Maple Plain	Hennepin	Apr 13	Apr 25	May 6	Oct 1	Oct 13	Oct 25	153	169	195
Milaca	Mille Lacs	Apr 18	May 1	May 12	Sep 25	Oct 3	Oct 18	137	153	184
Moose Lake	Carlton	May 2	May 16	May 31	Sep 16	Sep 26	Oct 7	109	132	162
Mora	Kanabec	Apr 21	May 5	May 17	Sep 20	Oct 1	Oct 14	125	151	169
Stillwater	Washington	Apr 10	Apr 16	May 2	Oct 7	Oct 16	Nov 2	160	184	207
Southwest:										
Lamberton	Redwood	Apr 9	Apr 28	May 6	Sep 29	Oct 7	Oct 15	146	163	188
Luverne	Rock	Apr 16	Apr 29	May 7	Sep 27	Oct 5	Oct 16	142	160	177
Marshall	Lyon	Apr 10	Apr 22	May 5	Oct 4	Oct 15	Oct 24	155	176	196
Pipestone	Pipestone	Apr 23	May 5	May 12	Sep 23	Oct 3	Oct 10	135	151	171
Windom	Cottonwood	Apr 14	Apr 15	May 7	Sep 30	Oct 7	Oct 19	146	167	189
South Central:										
Albert Lea	Freeborn	Apr 9	Apr 20	May 2	Oct 5	Oct 18	Oct 31	156	181	201
Fairmont	Martin	Apr 6	Apr 14	May 1	Oct 9	Oct 20	Oct 31	161	189	208
Faribault	Rice	Apr 14	Apr 27	May 10	Sep 29	Oct 11	Oct 24	146	167	193
New Ulm	Brown	Apr 9	Apr 23	May 3	Sep 28	Oct 10	Oct 23	148	170	193
Waseca	Waseca	Apr 12	Apr 23	May 6	Oct 1	Oct 6	Oct 24	149	167	192
Winnebago	Faribault	Apr 9	Apr 19	May 3	Oct 6	Oct 17	Oct 26	158	180	203
Southeast:										
Austin	Mower	Apr 12	Apr 29	May 7	Sep 27	Oct 6	Oct 23	144	166	191
Caledonia	Houston	Apr 14	Apr 24	May 6	Sep 29	Oct 11	Oct 26	152	174	192
Farmington	Dakota	Apr 11	Apr 21	May 3	Oct 3	Oct 12	Oct 29	155	178	201
Preston	Fillmore	Apr 21	May 7	May 18	Sep 21	Sep 29	Oct 13	125	148	178
Rochester	Olmsted	Apr 11	Apr 21	May 8	Sep 30	Oct 13	Oct 27	147	174	197
Winona	Winona	Apr 7	Apr 17	Apr 27	Oct 6	Oct 19	Oct 31	163	184	205
Zumbrota	Goodhue	Apr 17	Apr 30	May 11	Sep 25	Oct 3	Oct 18	139	157	187

MONTHLY PRECIPITATION BY SELECTED STATIONS AND DISTRICTS, MINNESOTA, 1993

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						Precipitation (Inches)						
Northwest												
Crookston	m .40	.08	m .33	.32	1.58	3.71	4.77	3.06	1.10	.57	.29	.60
Hallock	NA	T	NA	.50	1.02	4.99	5.73	m	.50	.85	.46	.75
Mahnomen	.78	.21	.46	1.79	1.76	3.82	9.88	3.33	.69	.42	.85	.54
Moorhead	m .99	.17	m .97	1.12	3.21	6.05	10.07	1.06	.64	.16	1.88	.86
District	.78	.07	.44	1.22	1.90	4.79	7.14	3.90	.91	.54	.90	.65
Normal	.71	.48	.96	1.63	2.52	3.71	3.17	2.96	2.55	1.72	.82	.69
North Central												
Grand Rapids	m .98	.09	.95	2.82	3.07	3.83	7.63	3.87	2.64	1.05	1.86	1.10
Int'l Falls	.68	.10	.32	1.67	2.82	2.01	6.03	3.84	2.04	.73	.81	.44
Park Rapids	.65	.02	.67	2.40	6.00	4.50	5.28	4.80	1.44	.36	1.21	.40
District	.86	.06	.72	2.07	3.60	4.07	6.14	4.52	2.05	.76	1.35	.74
Normal	.78	.52	1.15	1.92	2.83	4.00	3.74	3.51	3.02	2.28	1.12	.83
Northeast												
Duluth	1.79	.38	.44	2.42	4.74	6.95	m 1.84	3.63	1.05	.56	2.60	1.28
Grand Marais	m .53	.02	.12	m 2.17	2.17	2.37	8.30	3.61	2.38	1.21	1.64	.43
Hibbing	.93	T	.44	2.35	3.73	5.34	9.57	3.65	1.97	.86	2.34	1.41
District	1.01	.15	.37	2.26	3.31	3.62	7.61	3.75	2.22	1.03	1.89	.94
Normal	.98	.66	1.36	2.03	2.93	4.03	3.70	3.81	3.58	2.59	1.56	1.05
West Central												
Alexandria	1.01	.18	1.59	2.18	5.17	4.52	6.31	2.27	1.83	.44	1.37	.75
Canby	.96	.89	1.57	2.83	6.18	10.22	5.44	3.28	2.61	.50	2.98	.84
Fergus Falls	1.48	NA	2.10	m 1.45	4.84	5.15	5.86	1.12	.67	.20	2.50	.55
Morris	.89	.36	1.68	1.85	6.18	5.47	7.91	2.84	1.06	1.06	1.66	.77
District	.92	.33	1.51	2.07	4.97	5.65	6.47	2.77	1.89	.46	2.07	.78
Normal	.73	.67	1.39	2.22	2.84	3.81	3.31	3.01	2.46	1.95	1.05	.91
Central												
Gaylord	m .84	m .29	m .75	m 2.17	7.97	10.85	m 4.84	5.84	3.35	m.00	1.72	1.00
Olivia	.65	m .20	m .67	2.33	4.82	12.01	5.33	3.46	1.91	.94	2.45	.48
St. Cloud	.99	.33	1.26	1.95	5.64	4.99	3.76	5.49	2.09	1.44	2.15	.78
Willmar	.79	.34	1.33	2.21	5.95	8.17	4.68	8.65	2.37	1.13	1.16	.79
District	1.05	.28	1.43	2.21	5.91	7.03	5.14	5.64	2.58	1.03	2.27	.77
Normal	.79	.70	1.63	2.46	3.22	4.35	3.66	3.66	3.01	2.27	1.36	.86
East Central												
Aitkin	2.11	.25	m .93	2.63	6.47	5.43	5.45	3.38	1.13	.78	3.70	1.23
Cambridge	1.64	.44	.99	m 2.44	4.06	m 5.72	3.94	5.05	1.95	1.68	2.74	.68
MSP-Airport	1.25	.39	1.25	1.99	4.02	6.28	5.58	6.50	2.04	.79	1.57	.55
District	1.31	.25	1.00	2.33	4.73	6.00	4.94	5.66	2.20	1.00	2.25	.74
Normal	.88	.69	1.62	2.33	3.31	4.31	3.88	3.83	3.35	2.46	1.52	1.04
Southwest												
Lamberton	.45	.67	m 1.54	2.55	7.09	11.14	5.23	5.29	2.35	.70	2.73	.74
Luverne	m .74	.52	1.87	2.04	6.77	9.13	10.49	3.30	1.52	.41	2.45	m.44
Pipestone	.46	.76	1.14	2.19	8.61	9.86	6.29	2.92	2.86	.44	2.52	.55
Redwood Falls	.45	.68	1.47	1.64	5.07	11.55	6.67	3.74	2.72	1.01	2.22	.98
Windom	.62	.89	1.25	3.55	7.87	10.16	5.57	5.50	2.52	.62	1.59	1.15
District	.68	.71	1.37	2.62	6.71	10.67	7.35	4.49	2.14	.79	2.26	.81
Normal	.58	.68	1.70	2.56	3.18	3.78	3.73	2.95	3.08	2.04	1.28	.76
South Central												
Fairmont	.91	1.10	1.65	5.70	6.99	14.52	7.37	6.74	3.81	.52	1.54	1.51
Faribault	1.26	.83	1.00	4.17	4.97	9.10	5.19	7.41	2.99	.65	1.07	.71
Mankato	1.08	.77	1.21	3.86	5.90	9.21	6.68	8.87	3.68	.30	2.06	.92
Waseca	1.65	1.21	1.92	5.12	6.19	6.82	7.16	8.31	3.20	.75	1.73	1.22
District	1.05	.87	1.64	4.30	6.01	9.10	6.85	7.42	3.46	.59	1.65	.93
Normal	.77	.78	1.89	2.80	3.48	4.01	4.08	3.79	3.24	2.26	1.50	1.04
Southeast												
Austin	m .29	m .02	m 1.09	4.86	7.02	8.12	8.03	9.17	2.89	.50	3.28	m.74
Caledonia	m .29	NA	m .65	m 7.34	6.00	9.28	5.27	7.94	1.75	1.92	1.24	m.49
Rochester	1.15	.83	2.92	4.56	4.32	7.44	5.00	6.88	2.75	.85	1.00	.74
Winona	1.17	NA	2.05	6.38	NA	6.82	7.65	8.01	3.09	.81	2.96	m.67
District	1.13	.72	1.77	5.07	5.31	7.58	5.76	7.08	2.74	.80	1.33	.62
Normal	.96	.86	1.96	2.91	3.72	4.03	4.19	3.98	3.77	2.49	1.75	1.23

NA = Not Available.
T = Trace.
m = Insufficient cr partial data.

SECTION 2

CROPS

1993 CROP SUMMARY

CORN PRODUCTION LOWEST SINCE 1965, SMALLEST SOYBEAN CROP SINCE 1976;

THE COLDEST SUMMER SINCE 1915

For a growing season in which the major national news story was the flooding along the Mississippi River and its tributaries, Minnesota suffered along with the rest of the states in the river drainage. From the outset of the growing season, the southwest district of Minnesota received rainfall in excess of normal. By the end of the first full week in May, the only district not showing above normal amounts of precipitation was the northwest. Temperatures below normal accompanied the above normal precipitation to place an additional drag on crop progression.

On May 30, only 45 percent of the corn had emerged compared with the five year average of 76 percent. Soybeans exhibited a similar lag in emergence with 10 percent of the crop emerged compared with the normal of 43 percent. Crops concentrated in the northwest corner of the state exhibited signs of normal development at this time of the year. Sunflower and potato plantings were 10 and 6 percentage points above normal for the end of May. Emergence of spring wheat was running 6 percentage points behind normal at 91 percent, while barley was 5 points behind at 91 percent.

After the cool, wet start going into the growing season, the corn and soybean crops never did catch up to normal progress throughout the year. By the time harvest rolled around for the small grains, they had fallen off the pace of a normal year. At the end of the first full week in August, winter wheat harvest amounted to 17 percent harvested compared with the normal of 79 percent. The combining of spring wheat, oats and barley lagged 36, 47 and 60 percentage points behind normal, respectively.

An exclamation point can be placed on the 1993 growing season by looking at the corn crop in comparison with the drought year of 1988. The state average yield on corn for grain in 1993 was 70 bushels per acre. That compares with an average of 74 bushels per acre for the 1988 growing season.

The following is a rundown on the state's major crops for 1993:

The state's CORN production at 322.0 million bushels was DOWN 57% from 1992 and the lowest since 1965. Yield at 70 bushels per acre was down 44 bushels from 1992 and was the lowest since 1975.

SOYBEAN yields averaged 22 bushels per acre, down 10 bushels from a year ago. Acres harvested at 5.0 million were down 400,000 from a year ago. Production at 110 million bushels was down 36% from last year and the lowest since 1976.

SUGARBEET production at 5.344 million tons was down 22% from last year. Yield at 14.1 tons per acre was down 4.4 tons from 1992.

SPRING WHEAT production at 69.8 million bushels was 49% from a year ago. Acreage harvested at 2,250,000 was down 500,000 acres from 1992. Yield at 31 bushels per acre was down 19 bushels from 1992.

ALL SUNFLOWER production at 382 million pounds was up 23% from a year ago. Yield at 1124 pounds per acre was down 386 pounds from a year earlier. Oil production was estimated at 286 million pounds and non-oil at 96 million.

ALL DRY HAY PRODUCTION at 5.97 million tons decreased 9% from a year ago. Yield at 2.65 tons per acre was down .40 ton from last year. Alfalfa production at 4.8 million tons was down 9%.

FLAX production at 170,000 bushels was down 23% from 1992. Yield at 17 bushels per acre was down 5 bushels.

MINNESOTA AND U.S. CROP PRODUCTION RECORDS

Crop	Plantings (000 Acres)		Yield Per Acre		Production (000)	
CORN:						
Minnesota	7,700	1981	127.0 Bu.	1987	762,600 Bu.	1990
United States	113,024	1932	131.4 Bu.	1992	9,481,688 Bu.	1992
SOYBEANS:						
Minnesota	5,500	1991, 1992	39.0 Bu.	1987, 1990	195,275 Bu.	1991
United States	71,411	1979	37.6 Bu.	1992	2,260,665 Bu.	1979
ALL WHEAT:						
Minnesota	1/ 6,375	1899	53.1 Bu.	1985	142,426 Bu.	1985
United States	88,251	1981	39.5 Bu.	1990	2,785,357 Bu.	1981
BARLEY:						
Minnesota	2,380	1935	75.0 Bu.	1992	70,950 Bu.	1985
United States	19,686	1942	62.5 Bu.	1992	610,522 Bu.	1986
OATS:						
Minnesota	5,466	1945	70.0 Bu.	1985, 1992	242,640 Bu.	1945
United States	47,494	1955	65.6 Bu.	1992	1,523,851 Bu.	1945
ALL HAY:						
Minnesota	2/ 4,721	1941	3.39 Tons	1986	9,675 Tons	1986
United States	2/ 77,639	1944	2.50 Tons	1982, 1992	155,529 Tons	1986
ALL POTATOES:						
Minnesota	486	1922	248 Cwt.	1992	19,314 Cwt.	1991
United States	3,901	1929	323 Cwt.	1992	425,367 Cwt.	1992
DRY BEANS:						
Minnesota	140	1990	1,650 Lbs.	1986, 1991	1,980 Cwt.	1991
United States	2,599	1943	1,764 Lbs.	1991	33,765 Cwt.	1991
SUGARBEETS:						
Minnesota	390	1993	20.0 Tons	1987	6,845 Tons	1992
United States	1,647	1969	22.4 Tons	1981, 1987	29,704 Tons	1975
ALL SUNFLOWERS:						
Minnesota	1,400	1979	1,781 Lbs.	1991	1,870,620 Lbs.	1979
United States	5,555	1979	1,469 Lbs.	1987	7,296,110 Lbs.	1979

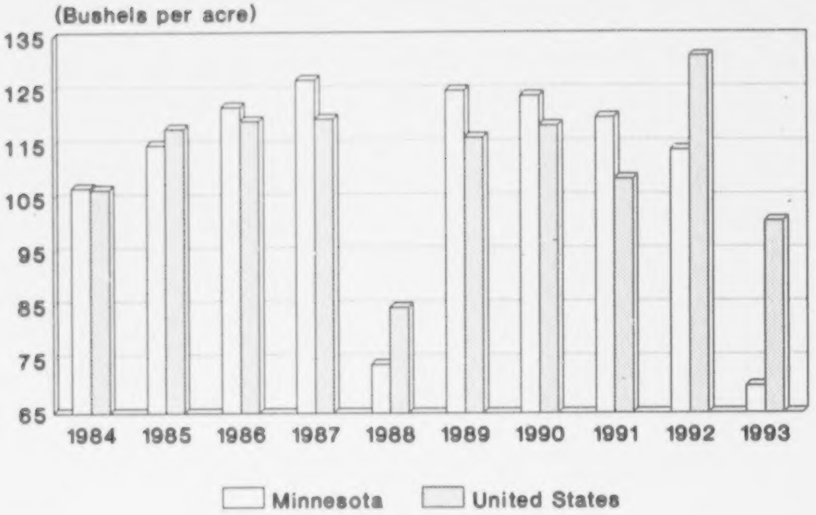
1/ Normally spring wheat accounts for 90-95% of the all wheat estimate for Minnesota.

2/ Harvested acres.

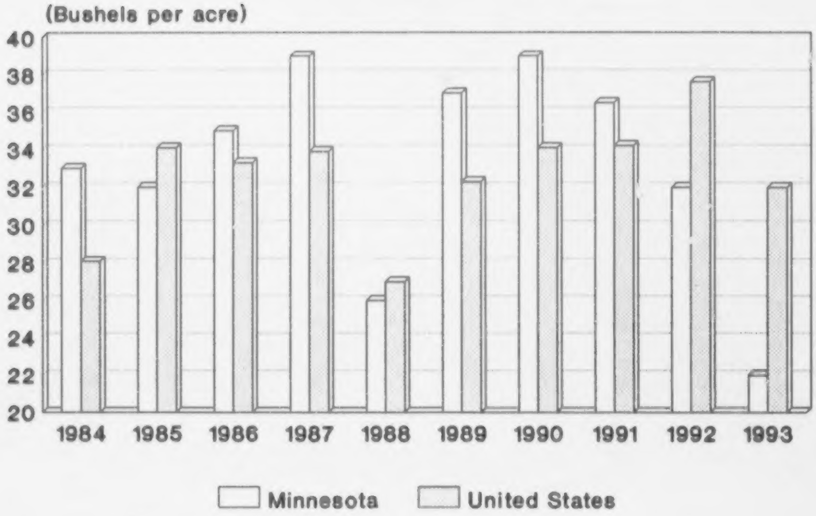
MINNESOTA STOCKS AND CROP PRICE RECORDS

Crop	Farm Stocks (000)	Off-Farm Stocks (000)	High Monthly Price (1983-92)	Low Monthly Price (1983-92)
CORN	820,000 Bu. December 1, 1986	259,100 Bu. December 1, 1987	$3.23 Bu. June 1984	$1.29 Bu. October 1986
SOYBEANS	125,000 Bu. December 1, 1986	102,329 Bu. December 1, 1986	$8.38 Bu. July 1988	$4.39 Bu. October 1986
ALL WHEAT	175,000 Bu. September 1, 1986	101,732 Bu. September 1, 1986	$4.02 Bu. March 1989	$2.23 Bu. August 1987
BARLEY	88,688 Bu. October 1, 1985	45,258 Bu. September 1, 1988	$3.00 Bu. November 1988	$1.10 Bu. August 1986
OATS	208,670 Bu. October 1, 1945	78,566 Bu. October. 1, 1971	$2.93 Bu. July 1988	$0.82 Bu. August 1986

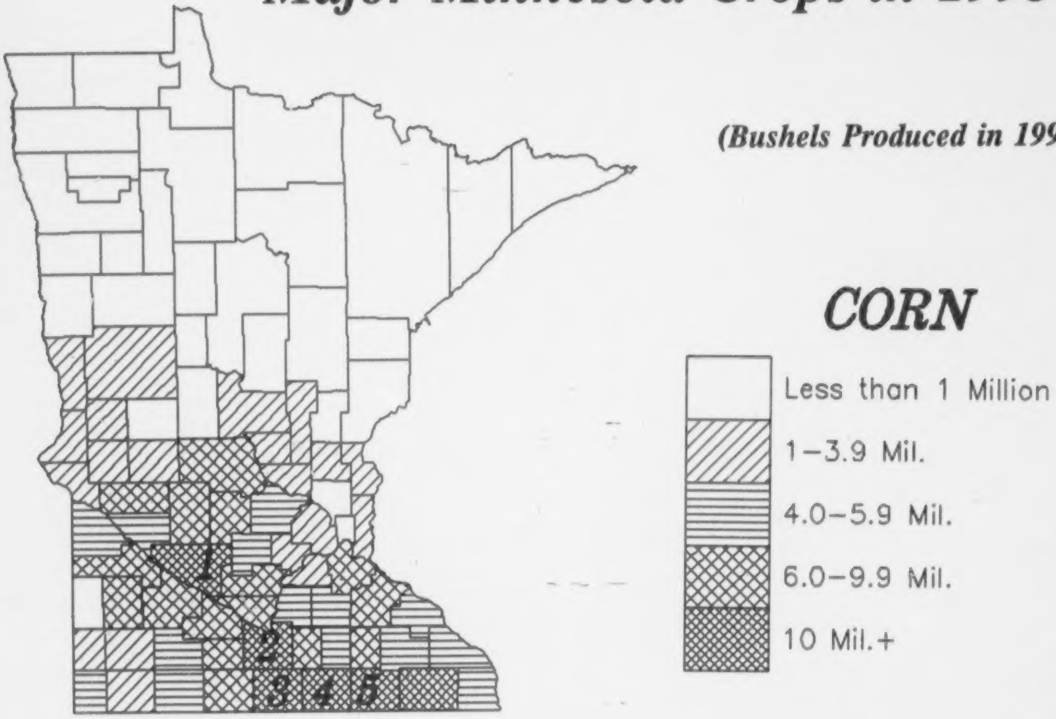
CORN YIELDS
Minnesota & United States



SOYBEAN YIELDS
Minnesota & United States



Geographic Distribution of Major Minnesota Crops in 1993



(Bushels Produced in 1993)

CORN

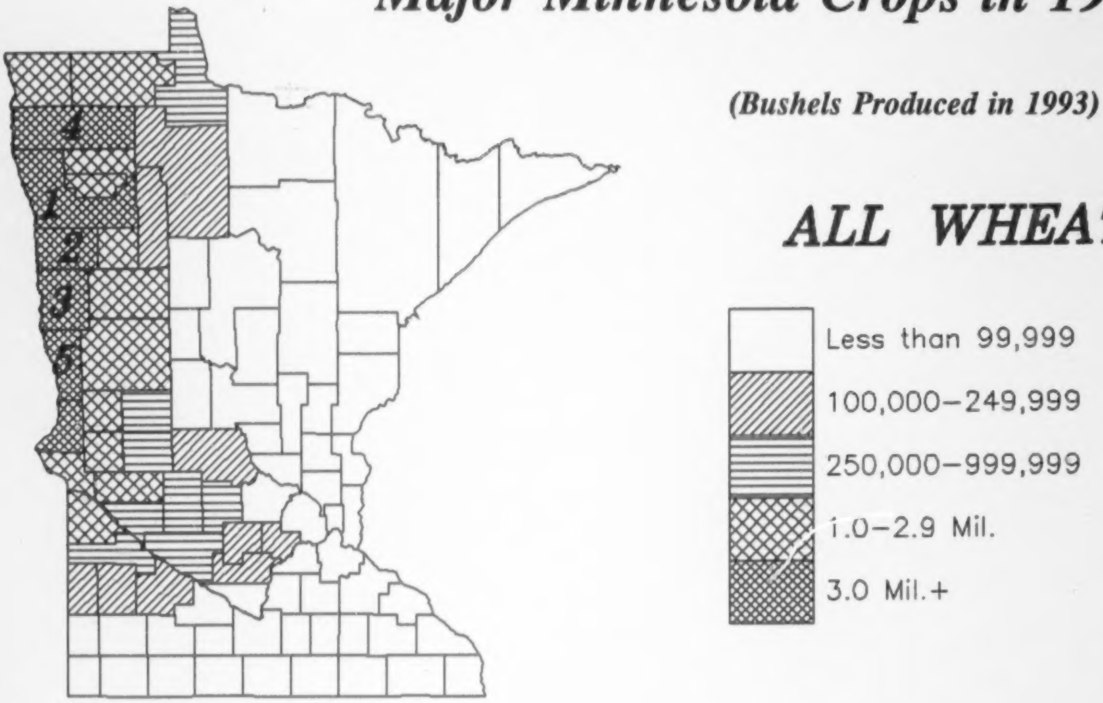
Less than 1 Million
1–3.9 Mil.
4.0–5.9 Mil.
6.0–9.9 Mil.
10 Mil.+
1
2
3
4
5

(Bushels Produced in 1993)

SOYBEANS

Less than 249,999
250,000–999,999
1.0–1,999,999
2.0–2,999,999
3.0 Mil.+
2
3
1
5
4

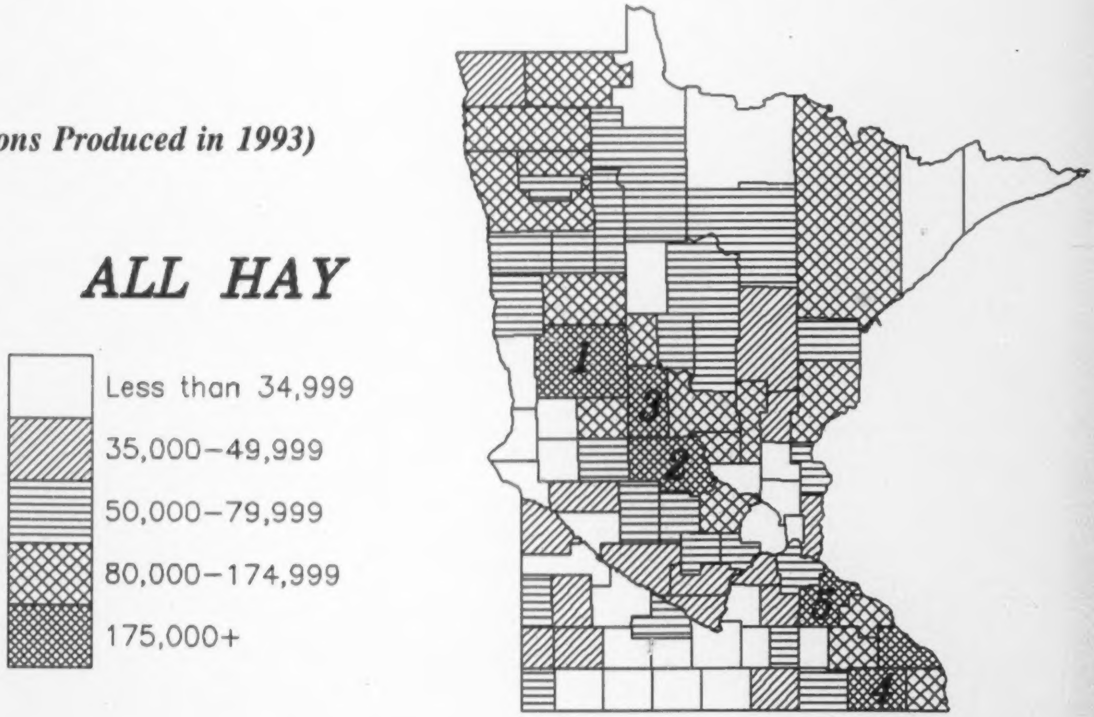
Geographic Distribution of Major Minnesota Crops in 1993



(Bushels Produced in 1993)

ALL WHEAT

Less than 99,999
100,000–249,999
250,000–999,999
1.0–2.9 Mil.
3.0 Mil.+
4
1
2
3
5



(Tons Produced in 1993)

ALL HAY

Less than 34,999
35,000–49,999
50,000–79,999
80,000–174,999
175,000+
1
3
2
5
4

MINNESOTA ACREAGE, YIELD, PRODUCTION, PRICE, AND VALUE

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value Of Production
CORN FOR GRAIN						
	1,000 Acres 2/	1,000 Acres	Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1989	6,200	5,600	125.0	700,000	2.27	1,589,000
1990	6,700	6,150	124.0	762,600	2.17	1,654,842
1991	6,600	6,000	120.0	720,000	2.22	1,598,400
1992	7,200	6,500	114.0	741,000	1.91	1,415,310
1993	6,300	4,600	70.0	322,000	2.35	756,700
CORN FOR SILAGE						
		1,000 Acres	Tons	1,000 Tons		
1989	-----	520	10.5	5,460	-----	-----
1990	-----	480	12.0	5,760	-----	-----
1991	-----	420	13.5	5,670	-----	-----
1992	-----	500	12.0	6,000	-----	-----
1993	-----	775	8.5	6,588	-----	-----
SOYBEANS						
	1,000 Acres	1,000 Acres	Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1989	5,050	5,000	37.0	185,000	5.58	1,032,300
1990	4,700	4,600	39.0	179,400	5.55	995,670
1991	5,500	5,350	36.5	195,275	5.41	1,056,438
1992	5,500	5,400	32.0	172,800	5.52	953,856
1993	5,400	5,000	22.0	110,000	6.30	693,000
OATS						
	1,000 Acres	1,000 Acres	Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1989	1,250	850	55.0	46,750	1.51	70,593
1990	1,100	730	66.0	48,180	1.07	51,553
1991	750	570	40.0	22,800	1.16	26,448
1992	700	500	70.0	35,000	1.27	44,450
1993	850	475	50.0	23,750	1.30	30,875
BARLEY						
	1,000 Acres	1,000 Acres	Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1989	925	800	55.0	44,000	2.62	115,280
1990	850	800	63.0	50,400	1.87	94,248
1991	900	875	50.0	43,750	1.79	78,313
1992	700	675	75.0	50,625	1.82	92,138
1993	725	650	58.0	37,700	1.75	65,975
RYE						
	1,000 Acres	1,000 Acres	Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1989	60	32	34.0	1,088	1.66	1,806
1990	55	28	31.0	868	1.69	1,467
1991	36	24	27.0	648	1.56	1,011
1992	30	24	30.0	720	2.06	1,483
1993	30	23	29.0	667	2.35	1,567

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings Marketing year periods, by crop, are October-September for corn; September-August for soybeans; and July-June for oats, barley, rye. Prices do not include allowance for CCC loans outstanding,purchases by the government, or deficiency payments. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year. 2/ Acreage planted to corn is for "all purposes."

MINNESOTA ACREAGE, YIELD, PRODUCTION, PRICE, AND VALUE (CONTINUED)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value Of Production
ALL WHEAT						
	1,000 Acres	1,000 Acres	Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1989	2,765	2,699	38.0	102,504	3.63	372,152
1990	2,960	2,865	48.4	138,620	2.53	349,381
1991	2,190	2,155	31.1	67,110	3.21	214,594
1992	2,860	2,805	49.9	139,860	3.17	442,855
1993	2,755	2,298	31.0	71,190	3.25	231,368
SPRING WHEAT (OTHER THAN DURUM)						
	1,000 Acres	1,000 Acres	Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1989	2,600	2,550	38.0	96,900	3.63	351,747
1990	2,800	2,750	49.0	134,750	2.52	339,570
1991	2,100	2,070	31.0	64,170	3.21	205,986
1992	2,800	2,750	50.0	137,500	3.17	435,875
1993	2,700	2,250	31.0	69,750	3.25	226,688
DURUM WHEAT						
	1,000 Acres	1,000 Acres	Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1989	30	29	36.0	1,044	3.69	3,852
1990	30	30	44.0	1,320	2.68	3,538
1991	30	30	32.0	960	3.15	3,024
1992	10	10	47.0	470	3.19	1,499
1993	10	8	30.0	240	4.10	984
WINTER WHEAT						
	1,000 Acres	1,000 Acres	Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1989	135	120	38.0	4,560	3.63	16,553
1990	130	85	30.0	2,550	2.46	6,273
1991	60	55	36.0	1,980	2.82	5,584
1992	50	45	42.0	1,890	2.90	5,481
1993	45	40	30.0	1,200	2.75	3,300
FLAXSEED						
	1,000 Acres	1,000 Acres	Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1989	10	9	10.5	95	6.74	640
1990	15	14	17.0	238	5.58	1,328
1991	35	32	20.0	640	3.45	2,208
1992	10	10	22.0	220	4.04	889
1993	15	10	17.0	170	4.30	731
SUGARBEETS						
	1,000 Acres	1,000 Acres	Tons	1,000 Tons	Dols. Per Ton 2/	1,000 Dols.2/
1989	342	341	16.0	5,456	40.80	222,605
1990	368	364	14.8	5,387	49.00	263,963
1991	369	363	17.0	6,171	40.20	248,074
1992	372	370	18.5	6,845	47.80	327,191
1993	390	379	14.1	5,344	NA	NA

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings. The marketing year period is June-July for wheat and flaxseed. The sugarbeet price relates to prices received by producers during the harvest period. Prices do not include allowance for CCC loans outstanding, purchases by the government or deficiency payments. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year. 2/ Excludes Sugar Act payments. NA = Not Available.

MINNESOTA ACREAGE, YIELD, PRODUCTION, PRICE, AND VALUE (CONTINUED)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value Of Production
ALL SUNFLOWERS						
	1,000 Acres	1,000 Acres	Pounds	1,000 Lbs.	Dols. Per Cwt.	1,000 Dols.
1989	70	68	1,400	95,200	12.10	11,474
1990	140	138	1,638	225,975	11.50	26,087
1991	290	286	1,781	509,350	9.57	47,627
1992	215	206	1,510	311,050	10.80	32,411
1993	390	340	1,124	382,000	14.30	51,686
OIL SUNFLOWERS						
	1,000 Acres	1,000 Acres	Pounds	1,000 Lbs.	Dols. Per Cwt.	1,000 Dols.
1989	45	44	1,400	61,600	10.50	6,468
1990	70	69	1,650	113,850	10.80	12,296
1991	210	207	1,850	382,950	8.74	33,470
1992	170	165	1,500	247,500	9.86	24,404
1993	300	260	1,100	286,000	12.50	35,750
NON-OIL SUNFLOWERS						
	1,000 Acres	1,000 Acres	Pounds	1,000 Lbs.	Dols. Per Cwt.	1,000 Dols.
1989	25	24	1,400	33,600	14.90	5,006
1990	70	69	1,650	112,125	12.30	13,791
1991	80	79	1,600	126,400	11.20	14,157
1992	45	41	1,550	63,550	12.60	8,007
1993	90	80	1,200	96,000	16.60	15,936
ALL HAY						
		1,000 Acres	Tons	1,000 Tons	Dols. Per Ton	1,000 Dols.
1989	-----	2,600	2.46	6,400	85.50	553,710
1990	-----	2,400	2.73	6,560	80.50	519,520
1991	-----	2,450	3.30	8,090	65.00	525,345
1992	-----	2,150	3.05	6,550	84.50	532,200
1993	-----	2,250	2.65	5,970	97.00	579,090
ALFALFA HAY						
		1,000 Acres	Tons	1,000 Tons	Dols. Per Ton	1,000 Dols.
1989	-----	1,700	2.60	4,420	-----	-----
1990	-----	1,600	3.20	5,120	86.00	440,320
1991	-----	1,700	3.70	6,290	70.50	443,445
1992	-----	1,500	3.50	5,250	88.00	462,000
1993	-----	1,600	3.00	4,800	104.00	499,200
ALL OTHER HAY						
		1,000 Acres	Tons	1,000 Tons	Dols. Per Ton	1,000 Dols.
1989	-----	900	2.20	1,980	-----	-----
1990	-----	800	1.80	1,440	55.00	79,200
1991	-----	750	2.40	1,800	45.50	81,900
1992	-----	650	2.00	1,300	54.00	70,200
1993	-----	650	1.80	1 170	67.50	78,975

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings. Marketing years are September-August for sunflowers and June-May for hay. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

MINNESOTA ACREAGE, YIELD, PRODUCTION, PRICE, AND VALUE (CONTINUED)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value Of Production
			ALL DRY EDIBLE BEANS			
	Acres	Acres	Pounds	1,000 Cwt.	Dols. Per Cwt.	1,000 Dols.
1989	82,000	70,000	1,300	910	25.80	23,478
1990	140,000	136,000	1,300	1,768	18.90	33,415
1991	125,000	120,000	1,650	1,980	16.00	31,680
1992	100,000	97,000	1,460	1,416	20.60	29,170
1993	110,000	88,000	950	836	23.80	19,897
			NAVY			
	Acres	Acres	Pounds	1,000 Cwt.		
1989	43,000	36,000	1,390	500	-----	-----
1990	69,000	67,000	1,370	919	-----	-----
1991	50,300	47,700	1,570	749	-----	-----
1992	38,000	35,800	1,380	494	-----	-----
1993	36,000	26,400	820	217		
			PINTO			
	Acres	Acres	Pounds	1,000 Cwt.		
1989	21,000	18,000	910	163	-----	-----
1990	37,300	36,200	1,020	371	-----	-----
1991	28,500	27,300	1,630	445	-----	-----
1992	23,000	22,500	1,450	326	-----	-----
1993	27,000	22,800	860	196	-----	-----
			CRANBERRY 3/			
	Acres	Acres	Pounds	1,000 Cwt.		
1993	3,200	2,900	970	28	-----	-----
			LIGHT RED KIDNEY 2/			
	Acres	Acres	Pounds	1,000 Cwt.		
1990	500	500	2,400	12	-----	-----
1991	5,900	5,900	1,680	99	-----	-----
1992	7,000	7,000	1,700	119	-----	-----
1993	7,000	6,400	1,140	73	-----	-----
			DARK RED KIDNEY 2/			
	Acres	Acres	Pounds	1,000 Cwt.		
1990	23,600	22,900	1,720	395	-----	-----
1991	33,700	32,700	1,780	582	-----	-----
1992	26,000	25,700	1,500	386	-----	-----
1993	31,000	25,300	1,120	283	-----	-----
			OTHER			
	Acres	Acres	Pounds	1,000 Cwt.		
1989	1,000	1,000	1,000	10	-----	-----
1990	9,600	9,400	760	71	-----	-----
1991	6,600	6,400	1,640	105	-----	-----
1992	6,000	6,000	1,520	91	-----	-----
1993	5,800	4,200	930	39	-----	-----

1/ Marketing year average price received by farmers is based on monthly prices weighted by monthly marketings. Market year is September-August for dry beans. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the the marketing year. 2/ Estimates began in 1990. 3/ Estimates began in 1993.

MINNESOTA ACREAGE, YIELD, PRODUCTION, PRICE, AND VALUE (CONTINUED)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Price per Unit 1/	Farm Value Of Production
SWEET CORN FOR PROCESSING						
	Acres	Acres	Tons	Tons	Dols. Per Ton	1,000 Dols.
1989	112,500	106,700	6.10	650,870	61.50	40,029
1990	140,100	130,000	5.79	752,700	62.40	46,968
1991	145,500	141,400	5.66	800,320	63.70	50,980
1992	139,100	125,000	6.32	790,000	54.30	42,897
1993	121,700	109,300	3.85	420,810	67.00	28,194
GREEN PEAS FOR PROCESSING						
	Acres	Acres	Tons	Tons	Dols. Per Ton	1,000 Dols.
1989	80,500	73,700	1.54	113,500	250.00	28,375
1990	91,500	84,700	1.34	113,500	247.00	28,035
1991	85,400	79,700	1.10	87,670	285.00	24,986
1992	101,300	94,100	1.85	174,090	211.00	36,733
1993	54,000	44,800	1.06	47,490	269.00	12,775
ONIONS						
	Acres	Acres	Cwt.	1,000 Cwt.	Dols. Per Cwt.	1,000 Dols.2/
1989	730	670	240	161	7.25	1,030
1990	600	540	385	208	5.87	1,104
1991	1,100	980	300	294	8.84	2,307
1992	1,100	950	300	285	8.61	2,170
1993	920	110	200	22	9.75	195
CARROTS FOR FRESH MARKET AND PROCESSING						
	Acres	Acres	Cwt.	1,000 Cwt.	Dols. Per Cwt.	1,000 Dols.
1989	2,100	1,800	365	657	5.38	3,535
1990	2,200	1,900	335	637	5.80	3,696
1991	2,100	1,800	305	549	6.32	3,472
1992	2,500	2,200	340	748	4.93	3,687
1993	1,500	1,400	220	308	4.31	1,328

COMMERCIAL APPLES

Crop Year	Acreage Planted	Acreage Harvested	Utilized Production	Season Average Price	Farm Value Of Utilized Production
			Mil. Lbs.	Cents Per Lb.	1,000 Dols.
1989	-----	-----	27.5	27.8	7,651
1990	-----	-----	19.2	37.4	7,186
1991	-----	-----	22.0	42.9	9,440
1992	-----	-----	24.0	37.0	8,885
1993	-----	-----	21.2	30.2	6,402

1/ Price for latest year shown is preliminary. 2/ Value computed on marketed production.

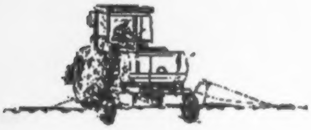
MINNESOTA ACREAGE, YIELD, PRODUCTION, PRICE, AND VALUE (CONTINUED)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value Of Production
			ALL POTATOES			
	Acres	Acres	Cwt.	1,000 Cwt.	Dols. Per Cwt.	1,000 Dols.
1989	73,400	72,300	218	15,750	6.05	95,414
1990	75,200	74,100	217	16,110	5.75	92,595
1991	84,400	78,800	245	19,314	4.10	79,302
1992	78,200	74,100	248	18,388	4.55	83,334
1993	77,200	62,100	229	14,230	5.90	83,885
			FALL POTATOES			
	Acres	Acres	Cwt.	1,000 Cwt.	Dols. Per Cwt.	1,000 Dols.
1989	67,000	66,000	210	13,860	5.80	80,388
1990	69,000	68,000	210	14,280	5.60	79,968
1991	77,000	71,500	240	17,160	4.00	68,640
1992	71,000	67,000	240	16,080	4.35	69,948
1993	70,000	55,000	220	12,100	NA	NA
			SUMMER POTATOES			
	Acres	Acres	Cwt.	1,000 Cwt.	Dols. Per Cwt.	1,000 Dols.
1989	6,400	6,300	300	1,890	7.95	15,026
1990	6,200	6,100	300	1,830	6.90	12,627
1991	7,400	7,300	295	2,154	4.95	10,662
1992	7,200	7,100	325	2,308	5.80	13,386
1993	7,200	7,100	300	2,130	NA	NA

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings, July-June. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.
NA = Not Available.

MINNESOTA POTATO STOCKS - ALL POSITIONS

	1,000 Cwt.					
Market Year	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1
1989/90	8,900	7,500	6,300	4,800	3,400	1,600
1990/91	10,200	9,000	8,000	6,800	5,000	3,000
1991/92	12,600	11,300	9,500	7,600	5,500	3,400
1992/93	12,000	10,500	8,800	7,100	5,100	2,600
1993/94	8,000	6,900	5,700	4,400	3,400	2,200



1993
CORN CHEMICAL USAGE

Nitrogen was applied to 97% of the total 1993 corn acreage in the states surveyed. All of the major producing states included in the survey had 82% or more of the acreage treated. Growers used an average of 1.7 treatments per acre and used an average of 73 pounds per treatment. In the states surveyed 82% of the corn acreage received phosphate fertilizer. Potash fertilizer was applied to 69% of the corn acreage.

Herbicides were applied to 97% of the total corn acreage in the survey, while insecticides were used on only 29% of the acreage. Atrazine was the most used herbicide with 69% of the reported acreage being treated. Atrazine was applied at a rate of 1.02 pounds per acre on average. Metolachlor and alachlor were the next two most widely used herbicides and they were applied to 32% and 24% of the acreage, respectively. Chlorpyrifos and terbufos were the most used insecticides with each applied to 8% of the acreage.

CORN: Acreage, Percent Receiving Chemicals, Number of Applications, Rates per Application, Selected States

State	Area Planted	Nitrogen			Phosphate			Potash			Herbicide	Insecticide
		Area Applied 1/	Applications	Rate Per Application	Area Applied 1/	Applications	Rate Per Application	Area Applied 1/	Applications	Rate Per Application	Area Applied 1/	Area Applied 1/
	1,000 Acres	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Percent
IA	12,000	98	1.5	75	79	1.0	50	77	1.1	60	99	32
MN	6,300	97	1.7	61	89	1.1	46	83	1.1	60	98	8
WI	3,400	97	1.6	51	94	1.0	43	93	1.1	57	95	28
SD	3,350	82	1.3	54	68	1.0	37	23	1.0	21	88	12
TOTAL 2/	65,690	97	1.7	73	82	1.1	51	69	1.1	71	97	29

1/ Refers to acres receiving one or more applications of a specific chemical. 2/ Refers to 17 major corn states.

CORN: Frequency and Extent of Chemical Usage By Active Ingredient, Minnesota - 1993

Active Ingredient 2/ 3/	Area Applied 1/	Applications	Rate per Application	Rate per Year	Total Applied
	Percent	Number	Pounds	Pounds	1,000 Pounds
HERBICIDES:					
2,4-D	13	1.2	0.34	0.42	341
Alachlor	23	1.0	2.17	2.17	3,146
Atrazine	37	1.0	0.76	0.79	1,816
Bromoxynil	14	1.0	0.25	0.25	232
Cyanazine	16	1.0	1.47	1.48	1,529
Dicamba	48	1.0	0.35	0.35	1,068
EPTC	13	1.0	4.42	4.42	3,506
Metolachlor	24	1.0	2.28	2.28	3,407
Nicosulfuron	19	1.0	0.04	0.04	43
Pendimethalin	5	1.0	1.20	1.20	381
INSECTICIDES:					
Chlorpyrifos	2	1.0	.96	.96	101

1/ Refers to acres receiving one or more applications of a specific chemical. 2/ Insufficient reports to publish state level usage estimates for other chemicals.
3/ See Table 1, page 3.

CORN: ACREAGES PLANTED FOR ALL PURPOSES, HARVESTED FOR GRAIN, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARVESTED ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-ACRES-		-ACRES-		-BUSHELS-		-BUSHELS-	
Becker	29,600	18,700	16,300	4,300	47.0	23.0	766,100	98,903
Clay	42,800	33,300	35,500	20,200	62.0	45.0	2,201,000	909,000
Clearwater	7,600	4,100	800	300	46.0	13.0	36,800	3,900
Kittson	4,200	2,800	700	0	35.0	0.0	24.500	0
Mahnomen	9,900	6,000	6,000	1,500	40.0	7.0	240,000	10,500
Marshall	8,600	4,400	2,000	1,700	51.0	11.0	102,000	18,700
Norman	19,300	12,800	12,500	4,400	45.0	29.0	562,500	127,600
Pennington	5,100	2,700	800	1,100	37.0	29.0	29,600	31,900
Polk	37,100	22,900	28,800	12,600	39.0	42.0	1,123,200	529,200
Red Lake	12,800	7,800	5,400	600	34.0	36.0	183,600	21,600
Roseau	9,000	5,000	2,400	100	33.0	10.0	79,200	1,000
Northwest	186,000	120,500	111,200	46,800	40.3	37.4	5,348,500	1,752,300
Beltrami	7,100	4,600	1,000	0	34.0	0.0	34,000	0
Cass	12,400	7,400	7,800	1,400	45.0	20.0	351,000	28,000
Hubbard	10,800	10,000	6,900	5,200	55.0	19.0	379,500	98,800
Other Counties	3,000	1,500	200	600	50.0	30.3	10,000	18,200
North Central	33,300	23,500	15,900	7,200	52.9	20.1	774,500	145,000
Northeast	300	100	100	0	40.0	0.0	4,000	0
Big Stone	57,300	51,300	54,400	38,900	102.0	53.0	5,548,800	2,061,700
Chippewa	126,400	115,600	123,900	90,300	109.0	58.0	13,505,100	5,237,400
Douglas	62,600	53,000	47,600	21,300	83.0	29.0	3,950,800	617,700
Grant	54,200	46,000	51,000	34,400	87.0	60.0	4,437,000	2,064,000
Lac Qui Parle	127,500	114,300	124,000	83,300	107.0	70.0	13,268,000	5,831,000
Otter Tail	192,300	141,500	138,200	81,100	78.0	44.0	10,779,600	3,568,400
Pope	97,300	82,500	85,600	64,000	103.0	58.0	8,816,800	3,712,000
Stevens	101,400	93,800	98,400	58,900	105.0	67.0	10,332,000	3,946,300
Swift	146,000	135,800	141,600	119,700	103.0	73.0	14,584,800	8,738,100
Traverse	51,400	43,800	50,000	35,800	102.0	67.0	5,100,000	2,398,600
Wilkin	30,900	23,900	28,400	20,700	74.0	50.0	2,101,600	1,035,000
Yellow Medicine	167,700	152,300	162,000	99,400	111.0	67.0	17,982,000	6,659,800
West Central	1,215,000	1,053,800	1,105,100	747,800	93.5	61.3	110,406,500	45,870,000
Benton	68,800	51,800	53,400	33,500	74.0	56.0	3,951,600	1,876,000
Carver	63,300	54,500	55,900	42,000	120.0	90.0	6,708,000	3,780,000
Kandiyohi	150,500	146,600	140,000	115,900	103.0	61.0	14,420,000	7,069,900
McLeod	89,300	77,400	83,000	65,100	126.0	77.0	10,458,000	5,012,700
Meeker	118,800	105,400	109,700	89,600	110.0	68.0	12,067,000	6,092,800
Morrison	113,100	79,900	75,500	38,400	64.0	39.0	4,832,000	1,497,600
Renville	226,400	222,400	219,600	194,900	125.0	73.0	27,450,000	14,227,700
Scott	40,500	32,300	36,700	27,700	120.0	84.0	4,404,000	2,326,800
Sherburne	33,900	28,400	30,400	20,300	91.0	78.0	2,766,400	1,583,400
Sibley	127,100	114,700	121,700	101,900	126.0	82.0	15,334,200	8,355,800
Stearns	246,300	188,800	184,200	108,000	105.0	57.0	19,341,000	6,156,000
Todd	110,100	74,400	73,800	26,100	58.0	35.0	4,280,400	913,500
Wadena	30,500	22,300	16,500	8,600	52.0	40.0	858,000	344,000
Wright	84,600	72,400	74,900	60,200	114.0	86.0	8,538,600	5,177,200
Central	1,503,200	1,271,300	1,275,300	932,200	106.2	69.1	135,409,200	64,413,400

CORN: ACREAGES PLANTED FOR ALL PURPOSES, HARVESTED FOR GRAIN, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93 (CONT'D)

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARVESTED ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-ACRES-		-ACRES-		-BUSHELS-		-BUSHELS-	
Anoka	12,600	11,800	11,200	7,500	79.0	72.0	884,800	540,000
Carlton	2,200	1,000	100	0	41.0	0.0	4,100	0
Chisago	33,200	29,200	29,200	22,900	87.0	54.0	2,540,400	1,236,600
Crow Wing	14,100	9,400	6,600	2,500	51.0	41.0	336,600	102,500
Hennepin	22,600	18,700	19,400	15,300	105.0	77.0	2,037,000	1,178,100
Isanti	42,500	39,800	38,300	37,000	79.0	64.0	3,025,700	2,368,000
Kanabec	23,100	17,500	16,800	12,900	92.0	57.0	1,545,600	735,300
Mille Lacs	34,000	27,000	25,800	19,800	88.0	71.0	2,270,400	1,405,800
Pine	30,000	20,600	16,800	8,500	76.0	50.0	1,276,800	425,000
Washington	28,800	25,500	22,800	21,400	91.0	114.0	2,074,800	2,439,600
Other Counties	3,000	900	600	100	60.0	10.0	36,000	1,000
East Central	246,100	201,400	187,600	147,900	90.8	70.5	16,032,200	10,431,900
Cottonwood	163,100	160,200	156,600	96,500	129.0	56.0	20,201,400	5,404,000
Jackson	187,900	164,500	184,100	90,900	117.0	61.0	21,539,700	5,544,900
Lincoln	90,500	73,500	81,600	32,000	105.0	27.0	8,568,000	864,000
Lyon	172,600	185,400	163,400	130,100	121.0	62.0	19,771,400	8,066,200
Murray	167,300	144,100	158,900	60,500	113.0	43.0	17,955,700	2,601,500
Nobles	191,900	183,600	182,300	59,100	114.0	43.0	20,782,200	2,541,300
Pipestone	109,700	104,700	99,800	60,000	104.0	33.0	10,379,200	1,980,000
Redwood	218,300	194,100	211,100	138,800	131.0	67.0	27,654,100	9,299,600
Rock	132,500	118,500	124,900	76,700	115.0	62.0	14,363,500	4,755,400
Southwest	1,433,800	1,328,600	1,362,700	744,600	111.5	55.1	161,215,200	41,056,900
Blue Earth	177,400	171,500	175,200	148,000	142.0	90.0	24,878,400	13,320,000
Brown	144,300	127,900	138,500	98,700	139.0	78.0	19,251,500	7,698,600
Faribault	199,400	180,800	197,400	161,200	143.0	81.0	28,228,200	13,057,200
Freeborn	187,800	167,800	184,000	157,000	136.0	75.0	25,024,000	11,775,000
Le Sueur	78,000	73,700	72,900	66,300	125.0	86.0	9,112,500	5,701,800
Martin	213,100	188,500	210,000	115,300	144.0	72.0	30,240,000	8,301,600
Nicollet	109,300	99,500	104,900	91,200	139.0	96.0	14,581,100	8,755,200
Rice	84,200	75,200	79,100	67,300	131.0	87.0	10,362,100	5,855,100
Steele	111,600	99,200	108,300	91,100	116.0	52.0	12,562,800	4,737,200
Waseca	119,800	109,800	116,200	106,500	133.0	82.0	15,454,600	8,733,000
Watonwan	122,500	110,300	120,100	81,300	146.0	86.0	17,534,600	6,991,800
South Central	1,547,400	1,404,200	1,506,600	1,183,900	134.8	80.2	207,229,800	94,926,500
Dakota	93,100	81,900	85,100	76,700	123.0	99.0	10,467,300	7,593,300
Dodge	111,700	96,800	107,200	90,700	109.0	72.0	11,684,800	6,530,400
Fillmore	160,000	137,700	148,800	127,100	106.0	79.0	15,772,800	10,040,900
Goodhue	141,500	122,400	128,800	107,600	106.0	84.0	13,652,800	9,038,400
Houston	67,800	58,300	53,600	48,800	128.0	85.0	6,860,800	4,148,000
Mower	183,000	156,500	175,200	143,800	123.0	70.0	21,549,600	10,066,000
Olmsted	116,900	99,700	98,200	77,700	103.0	76.0	10,114,600	5,905,200
Wabasha	80,400	70,900	70,200	59,900	101.0	87.0	7,090,200	5,211,300
Winona	80,500	72,400	68,400	57,300	108.0	85.0	7,387,200	4,870,500
Southeast	1,034,900	896,600	935,500	789,600	108.9	80.3	104,580,100	63,404,000
Minnesota	7,200,000	6,300,000	6,500,000	4,600,000	114.0	70.0	741,000,000	322,000,000

CORN FOR SILAGE: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA 1992-93

DISTRICT AND COUNTY	HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
1993	1992	1993	1992	1993	1992	
	-Acres-		-Tons-		-Tons-	
Becker	8,400	13,300	10.6	5.8	89,040	77,100
Clay	4,700	8,800	10.9	8.2	51,230	72,200
Clearwater	2,200	2,600	9.3	6.8	20,460	17,700
Mahnomen	2,200	3,500	9.3	6.1	20,460	21,400
Marshall	2,600	2,100	8.9	6.3	23,140	13,200
Norman	4,500	7,300	8.4	7.9	37,800	57,700
Polk	6,000	6,900	8.7	9.0	52,200	62,100
Red Lake	3,100	4,600	8.0	5.7	24,800	26,200
Roseau	3,200	4,700	5.8	5.6	18,560	26,300
Other Counties	2,500	1,900	8.2	5.5	20,600	10,500
Northwest	39,400	55,700	9.1	6.9	358,290	384,400
Beltrami	2,500	4,400	6.6	8.5	16,500	37,400
Cass	4,000	5,600	8.3	5.3	33,200	29,700
Hubbard	1,100	2,800	8.9	5.5	9,790	15,400
Other Counties	1,000	600	5.7	6.3	5,650	3,800
North Central	8,600	13,400	7.6	6.4	65,140	86,300
Northeast	100	0	5.0	0.0	500	0
Big Stone	2,300	4,400	14.5	6.3	33,350	27,700
Chippewa	2,200	4,600	13.3	7.7	29,260	35,400
Douglas	11,500	25,900	11.5	7.1	132,250	183,900
Grant	2,900	7,100	12.6	7.3	36,540	51,800
Lac Qui Parle	3,100	5,000	13.1	7.2	40,610	36,000
Otter Tail	39,900	56,200	9.5	7.3	379,050	409,100
Pope	11,600	15,900	13.3	8.6	154,280	136,700
Stevens	2,200	7,100	14.3	10.3	31,460	73,100
Swift	3,100	7,500	12.7	7.1	39,370	53,300
Traverse	1,100	3,800	12.1	7.1	13,310	27,000
Wilkin	900	2,600	9.5	7.2	8,550	18,700
Yellow Medicine	5,300	10,000	12.9	4.8	68,370	48,000
West Central	86,100	150,100	11.2	7.3	966,400	1,100,700
Benton	13,100	15,700	12.6	7.4	165,060	116,200
Carver	7,200	12,000	13.6	10.7	97,920	128,400
Kandiyohi	9,300	14,200	14.1	6.1	131,130	86,600
McLeod	4,500	9,700	14.8	11.6	66,600	112,500
Meeker	8,700	13,800	14.5	9.0	126,150	124,200
Morrison	33,200	38,800	11.1	6.9	368,520	267,700
Renville	6,200	10,000	14.1	9.5	87,420	95,000
Scott	3,600	4,200	15.2	5.0	54,720	21,000
Sherburne	3,000	7,000	13.1	6.5	39,300	45,500
Sibley	4,900	11,200	11.8	10.5	57,790	117,600
Stearns	54,400	79,300	13.5	8.6	734,400	682,000
Todd	28,600	43,900	10.7	7.4	306,020	324,900
Wadena	7,000	11,300	10.2	5.5	71,400	62,200
Wright	9,400	12,000	15.3	11.1	143,820	133,200
Central	193,100	283,100	12.7	8.2	2,450,250	2,317,000

CORN FOR SILAGE: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA 1992-93 (CONT'D)

DISTRICT AND COUNTY	HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993
	-Acres-		-Tons-		-Tons-	
Anoka	500	2,300	9.0	7.2	4,500	16,600
Chisago	2,400	5,200	8.3	10.1	19,920	52,500
Crow Wing	4,400	5,600	9.9	5.8	43,560	32,500
Hennepin	2,500	2,800	13.2	7.3	33,000	20,400
Isanti	2,000	2,400	8.1	7.7	16,200	18,500
Kanabec	4,900	4,000	9.5	8.2	46,550	32,800
Mille Lacs	6,300	7,000	9.1	8.1	57,330	56,700
Pine	8,700	10,900	9.9	8.7	86,130	94,800
Washington	1,900	2,400	10.8	12.3	20,520	29,500
Other Counties	2,600	1,200	9.0	7.0	23,400	8,400
East Central	36,200	43,800	9.7	8.3	351,110	362,700
Cottonwood	4,700	12,000	14.5	8.4	68,150	100,800
Jackson	2,900	6,100	13.5	10.2	39,150	62,200
Lincoln	6,900	12,200	12.0	5.2	82,800	63,400
Lyon	7,400	12,400	13.9	4.8	102,860	59,500
Murray	3,800	12,600	12.7	9.4	48,260	118,400
Nobles	4,800	10,800	13.1	9.0	62,880	97,200
Pipestone	5,500	11,600	10.7	6.3	58,850	73,100
Redwood	6,700	11,200	12.9	7.6	86,430	85,100
Rock	5,700	9,600	10.3	7.6	58,710	73,000
Southwest	48,400	98,500	12.6	7.4	608,090	732,700
Blue Earth	1,900	4,100	15.5	11.5	29,450	47,200
Brown	4,700	6,300	14.5	11.6	68,150	73,100
Faribault	1,000	1,300	16.2	11.0	16,200	14,300
Freeborn	1,200	2,400	16.2	8.4	19,440	20,200
LeSueur	4,200	3,700	14.6	12.3	61,320	45,500
Martin	2,000	5,100	15.5	6.1	31,000	31,100
Nicollet	3,000	3,500	13.3	12.2	39,900	42,700
Rice	4,700	6,200	11.9	10.8	55,930	67,000
Steele	3,100	3,800	13.4	8.7	41,540	33,100
Waseca	1,300	2,000	14.0	10.8	18,200	21,600
Watonwan	1,500	2,500	15.7	8.2	23,550	20,500
South Central	28,600	40,900	14.1	10.2	404,680	416,300
Dakota	5,700	4,500	14.2	14.7	80,940	66,200
Dodge	3,700	5,200	12.5	9.4	46,250	48,900
Fillmore	9,100	9,400	14.8	13.4	134,680	126,000
Goodhue	9,300	13,200	11.2	10.3	104,160	136,000
Houston	6,000	8,700	14.3	13.9	85,800	120,900
Mower	5,000	6,500	16.7	13.9	83,500	90,400
Olmsted	6,800	18,600	12.6	13.7	85,680	254,800
Wabasha	6,900	9,500	11.7	13.6	80,730	129,200
Winona	7,000	13,900	13.4	15.5	93,800	215,500
Southeast	59,500	89,500	13.4	13.3	795,540	1,187,900
Minnesota	500,000	775,000	12.0	8.5	6,000,000	6,588,000

SOYBEANS: ACREAGE PLANTED FOR ALL PURPOSES, HARVESTED FOR GRAIN, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARVESTED ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-ACRES-		-ACRES-		-BUSHELS-		-BUSHELS-	
Becker	39,600	36,300	36,400	31,000	21.0	16.0	764,400	496,000
Clay	80,400	74,200	78,100	68,600	28.0	19.0	2,186,800	1,303,400
Mahnomen	12,700	10,600	11,900	10,500	22.0	18.0	261,800	189,000
Marshall	8,100	5,000	7,200	4,000	19.0	23.0	136,800	92,000
Norman	45,300	43,300	44,500	40,700	25.0	27.0	1,112,500	1,098,900
Polk	23,000	20,700	22,300	19,500	22.0	27.0	490,600	526,500
Red Lake	3,400	2,500	3,000	2,500	18.0	24.0	54,000	60,000
Roseau	1,600	1,700	1,000	900	12.0	12.0	12,000	10,800
Other Counties	2,000	1,100	1,700	1,000	18.4	18.1	31,300	18,100
Northwest	216,100	195,400	206,100	178,700	24.5	21.2	5,050,200	3,794,700
North Central	3,600	1,100	1,100	600	7.0	18.5	7,700	11,100
Big Stone	95,900	90,100	91,700	81,100	25.0	18.0	2,292,500	1,459,800
Chippewa	129,100	126,600	127,800	118,200	31.0	20.0	3,961,800	2,364,000
Douglas	37,000	30,800	36,400	29,000	18.0	20.0	655,200	580,000
Grant	103,700	99,900	103,500	91,900	28.0	19.0	2,898,000	1,746,100
Lac Qui Parle	164,300	157,600	156,400	138,400	28.0	19.0	4,379,200	2,629,600
Otter Tail	75,000	70,400	74,500	67,400	22.0	23.0	1,639,000	1,550,200
Pope	64,000	62,300	63,300	61,100	25.0	22.0	1,582,500	1,344,200
Stevens	115,000	109,000	114,900	95,000	26.0	22.0	2,987,400	2,090,000
Swift	142,400	135,900	141,400	127,600	28.0	21.0	3,959,200	2,679,600
Traverse	125,500	118,500	125,100	109,000	30.0	16.0	3,753,000	1,744,000
Wilkin	117,600	107,400	116,900	100,800	30.0	20.0	3,507,000	2,016,000
Yellow Medicine	176,900	178,000	176,400	158,800	32.0	22.0	5,644,800	3,493,600
West Central	1,346,400	1,286,500	1,328,300	1,178,300	28.1	20.1	37,259,600	23,697,100
Benton	12,100	9,400	11,400	9,200	20.0	27.0	228,000	248,400
Carver	28,400	30,200	28,200	28,200	31.0	28.0	874,200	789,600
Kandiyohi	105,300	106,000	103,600	99,700	29.0	20.0	3,004,400	1,994,000
Mc Leod	85,000	88,300	82,900	83,600	33.0	26.0	2,735,700	2,173,600
Meeker	89,200	90,700	88,900	87,300	28.0	24.0	2,489,200	2,095,200
Renville	240,900	241,000	236,300	217,900	34.0	21.0	8,034,200	4,575,900
Scott	25,000	26,500	24,000	24,200	33.0	36.0	792,000	871,200
Sherburne	16,200	13,700	16,100	13,700	21.0	25.0	338,100	342,500
Sibley	121,300	125,200	120,800	118,100	37.0	27.0	4,469,600	3,188,700
Stearns	51.000	49,100	49,000	46,600	23.0	19.0	1,127,000	885,400
Todd	10,700	8,000	9,800	7,000	15.0	19.0	147,000	133,000
Wright	56,200	59,300	55,500	57,500	29.0	32.0	1,609,500	1,840,000
Other Counties	6,700	5,100	6,600	4,700	15.1	18.3	99,400	85,800
Central	848,000	852,500	833,100	797,700	31.1	24.1	25,948,300	19,223,300
Anoka	4,000	4,500	3,300	4,100	20.0	24.0	66,000	98,400
Chisago	15,200	11,900	14,100	11,500	18.0	18.0	253,800	207,000
Hennepin	11,600	12,700	11,300	12,400	29.0	28.0	327,700	347,200
Isanti	23,900	22,000	22,200	21,400	15.0	25.0	333,000	535,000
Kanabec	4,600	4,700	4,000	4,500	18.0	27.0	72,000	121,500
Mille Lacs	7,500	7,000	6,400	6,700	18.0	24.0	115,200	160,800
Pine	5,700	4,600	5,200	4,000	18.0	24.0	93,600	96,000
Washington	14,400	14,300	14,100	14,000	30.0	38.0	423,000	532,000
Other Counties	1,400	1,200	1,200	900	13.3	22.0	15,900	19,800
East Central	88,300	82,900	81,800	79,500	20.8	26.6	1,700,200	2,117,700

SOYBEANS: ACREAGE PLANTED FOR ALL PURPOSES, HARVESTED FOR GRAIN, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93 (CONT'D)

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARVESTED ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-ACRES-		-ACRES-		-BUSHELS-		-BUSHELS-	
Cottonwood	158,700	158,800	158,400	144,800	36.0	18.0	5,702,400	2,606,400
Jackson	165,300	169,400	163,800	159,100	36.0	19.0	5,896,800	3,022,900
Lincoln	78,800	60,400	71,900	51,800	25.0	12.0	1,797,500	621,600
Lyon	160,200	161,100	159,900	140,300	36.0	16.0	5,756,400	2,244,800
Murray	163,500	151,900	162,000	135,400	33.0	12.0	5,346,000	1,624,800
Nobles	182,300	150,000	169,500	130,700	29.0	11.0	4,915,500	1,437,700
Pipestone	85,300	57,800	83,700	46,000	23.0	12.0	1,925,100	552,000
Redwood	228,000	226,200	226,900	204,700	39.0	22.0	8,849,100	4,503,400
Rock	107,000	91,700	102,800	83,800	28.0	10.0	2,878,400	838,000
Southwest	1,329,100	1,227,300	1,298,900	1,096,600	33.2	15.9	43,067,200	17,451,600
Blue Earth	160,900	170,200	160,400	156,800	39.0	30.0	6,255,600	4,704,000
Brown	132,400	129,600	130,500	119,900	38.0	24.0	4,959,000	2,877,600
Faribault	147,700	163,300	146,100	157,400	39.0	24.0	5,697,900	3,777,600
Freeborn	125,600	135,500	124,700	129,500	36.0	23.0	4,489,200	2,978,500
Le Sueur	69,500	72,400	68,300	69,800	35.0	30.0	2,390,500	2,094,000
Martin	176,700	174,800	176,200	158,200	38.0	21.0	6,695,600	3,322,200
Nicollet	97,100	96,400	96,300	90,700	40.0	30.0	3,852,000	2,721,000
Rice	43,200	45,900	42,800	44,900	37.0	33.0	1,583,600	1,481,700
Steele	68,400	72,500	67,400	70,900	33.0	22.0	2,224,200	1,559,800
Waseca	82,600	86,000	80,500	84,000	38.0	25.0	3,059,000	2,100,000
Watonwan	107,000	114,200	106,600	101,600	39.0	27.0	4,157,400	2,743,200
South Central	1,211,100	1,260,800	1,199,800	1,183,700	37.8	25.6	45,364,000	30,359,600
Dakota	53,200	55,000	52,900	53,200	33.0	33.0	1,745,700	1,755,600
Dodge	75,700	78,400	74,300	76,500	33.0	21.0	2,451,900	1,606,500
Fillmore	47,100	53,100	46,100	52,900	31.0	27.0	1,429,100	1,428,300
Goodhue	55,900	62,700	54,700	62,100	30.0	32.0	1,641,000	1,987,200
Houston	8,500	9,300	8,400	9,100	37.0	33.0	310,800	300,300
Mower	144,800	158,100	144,200	155,700	35.0	26.0	5,047,000	4,048,200
Olmsted	42,400	44,200	41,500	43,800	23.0	28.0	954,500	1,226,400
Wabasha	17,800	19,800	17,500	19,000	27.0	33.0	472,500	627,000
Winona	12,000	12,900	11,300	12,600	31.0	29.0	350,300	365,400
Southeast	457,400	493,500	450,900	484,900	31.9	27.5	14,402,800	13,344,900
Minnesota	5,500,000	5,400,000	5,400,000	5,000,000	32.0	22.0	172,800,000	110,000,000

ALL WHEAT: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Bushels-		-Bushels-	
Becker	70,700	61,000	70,000	57,800	44.0	30.0	3,080,900	1,735,400
Clay	210,200	202,600	208,100	199,600	48.0	34.0	9,991,000	6,787,300
Clearwater	9,300	8,400	9,100	7,500	42.8	28.2	389,200	211,500
Kittson	250,400	249,400	242,900	130,200	54.9	23.0	13,323,100	2,993,100
Mahnomen	55,800	47,400	50,300	44,000	44.0	28.0	2,213,200	1,231,400
Marshall	375,800	369,500	367,900	240,100	52.9	26.0	19,465,100	6,236,800
Norman	211,600	197,100	209,200	191,200	50.0	36.0	10,451,200	6,874,200
Pennington	115,300	106,700	113,800	70,400	48.8	24.1	5,551,900	1,696,800
Polk	459,500	431,700	453,600	400,100	50.9	33.0	23,110,200	13,197,400
Red Lake	71,000	67,600	70,300	66,100	45.0	24.1	3,160,100	1,592,700
Roseau	181,500	181,900	174,800	103,300	42.8	25.3	7,481,400	2,614,700
Northwest	2,011,100	1,923,300	1,970,000	1,510,300	49.9	29.9	98,217,300	45,171,300
Beltrami	9,500	8,700	9,200	6,000	44.9	28.9	413,200	173,200
Koochiching	1,000	2,000	1,000	2,000	34.7	33.6	34,700	67,200
Lake of Woods	15,400	16,800	15,200	14,800	28.2	34.9	428,900	516,400
Other Counties	1,000	1,000	1,000	1,000	44.5	34.3	44,500	34,300
North Central	26,900	28,500	26,400	23,800	34.9	33.2	921,300	791,100
Northeast	100	200	100	100	39.0	23.0	3,900	2,300
Big Stone	58,200	54,700	57,600	52,200	55.8	31.0	3,215,100	1,616,600
Chippewa	20,300	21,500	19,900	14,500	48.7	32.9	968,500	477,300
Douglas	20,200	21,600	20,000	20,500	47.9	32.9	957,400	674,700
Grant	85,200	82,100	84,400	77,800	51.8	35.0	4,371,800	2,720,200
Lac Qui Parle	53,300	52,600	52,200	51,200	49.9	31.0	2,607,000	1,586,700
Otter Tail	64,900	62,600	64,300	59,600	48.8	35.0	3,136,900	2,084,400
Pope	23,700	24,300	23,500	24,200	42.0	36.0	987,000	871,200
Stevens	64,200	61,700	63,600	59,100	56.9	35.0	3,618,600	2,066,700
Swift	32,500	34,000	32,100	31,600	46.9	34.9	1,505,100	1,104,000
Traverse	105,800	100,500	103,700	96,000	50.7	33.0	5,257,900	3,166,900
Wilkin	156,200	147,000	154,700	145,000	53.9	34.0	8,336,400	4,924,900
Yellow Medicine	20,400	19,300	20,200	18,800	51.8	30.0	1,045,600	563,200
West Central	704,900	681,900	696,200	650,500	51.7	33.6	36,007,300	21,856,800
Carver	2,400	3,300	2,400	3,100	40.9	33.0	98,100	102,300
Kandiyohi	8,900	9,400	8,800	9,100	41.0	33.9	360,900	308,800
McLeod	5,800	6,700	5,700	6,300	53.0	33.2	302,100	209,300
Meeker	6,700	9,100	6,600	9,000	39.1	33.9	258,200	305,100
Renville	14,700	16,300	13,900	14,900	48.5	34.7	674,800	517,500
Scott	2,100	2,200	2,100	1,900	35.1	34.7	73,800	65,900
Sherburne	1,300	1,400	400	1,200	36.0	29.8	14,400	35,700
Sibley	4,700	5,400	4,500	5,300	50.4	33.9	227,000	179,900
Stearns	4,400	4,700	4,300	4,400	35.0	29.9	150,500	131,400
Todd	2,500	3,300	2,500	2,700	34.2	28.2	85,500	76,200
Wright	2,700	2,800	2,700	2,800	37.3	33.8	100,700	94,600
Other Counties	1,700	2,300	1,700	2,200	32.0	32.6	54,400	71,800
Central	57,900	66,900	55,600	62,900	43.2	33.4	2,400,400	2,098,500
Aitkin	1,500	2,300	1,400	2,100	31.4	31.7	44,000	66,600
Hennepin	2,200	1,500	2,100	1,400	36.1	31.1	75,900	43,600
Other Counties	2,600	2,800	2,000	2,700	36.7	32.3	73,300	87,100
East Central	6,300	6,600	5,500	6,200	35.1	31.8	193,200	197,300

ALL WHEAT: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93 (CONT'D)

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Bushels-		-Bushels-	
Lincoln	9,600	9,300	9,200	8,900	31.2	22.1	287,100	196,300
Lyon	10,400	8,800	9,900	8,300	46.0	23.0	455,400	190,900
Murray	2,500	1,800	2,500	1,800	48.0	21.0	120,000	37,800
Pipestone	1,300	1,100	1,300	1,100	37.0	20.0	48,100	22,000
Redwood	4,400	4,500	4,200	4,300	40.2	24.1	168,800	103,700
Other Counties	3,200	1,500	3,200	1,300	42.8	23.9	137,000	31,100
Southwest	31,400	27,000	30,300	25,700	40.1	22.6	1,216,400	581,800
Blue Earth	1,100	1,000	1,100	700	52.1	26.1	57,300	18,300
Brown	1,000	2,200	1,000	1,900	43.8	25.7	43,800	48,900
LeSueur	5,500	3,600	5,300	3,200	44.2	24.4	234,500	78,000
Nicollet	2,200	2,300	2,200	2,300	47.2	23.0	103,800	52,900
Rice	1,200	1,100	1,100	1,100	38.5	25.5	42,400	28,000
Other Counties	3,600	3,400	3,500	3,200	45.9	27.7	160,800	88,500
South Central	14,600	13,600	14,200	12,400	45.3	25.4	642,600	314,600
Dakota	3,400	3,900	3,300	3,300	39.5	28.7	130,500	94,800
Goodhue	1,200	1,100	1,200	800	40.3	28.8	48,300	23,000
Other Counties	2,200	2,000	2,200	2,000	35.8	29.3	78,800	58,500
Southeast	6,800	7,000	6,700	6,100	38.4	28.9	257,600	176,300
Minnesota	2,860,000	2,755,000	2,805,000	2,298,000	49.9	31.0	9,860,000	71,190,000

SPRING WHEAT: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Bushels-		-Bushels-	
Becker	69,800	60,200	69,100	57,100	44.0	30.0	3,040,400	1,713,000
Clay	208,600	200,200	206,500	197,400	48.0	34.0	9,912,000	6,711,600
Clearwater	8,900	7,400	8,800	6,500	43.0	27.0	378,400	175,500
Kittson	247,500	247,500	240,100	128,900	55.0	23.0	13,205,500	2,964,700
Mahnomen	55,500	47,100	50,000	43,800	44.0	28.0	2,200,000	1,226,400
Marshall	368,600	364,700	361,200	236,300	53.0	26.0	19,143,600	6,143,800
Norman	209,300	195,400	207,200	189,700	50.0	36.0	10,360,000	6,829,200
Pennington	112,200	103,900	111,100	68,000	49.0	24.0	5,443,900	1,632,000
Polk	453,900	424,400	448,600	393,400	51.0	33.0	22,878,600	12,982,200
Red Lake	68,900	66,600	68,200	65,200	45.0	24.0	3,069,000	1,564,800
Roseau	175,000	176,100	169,800	98,700	43.0	25.0	7,301,400	2,467,500
Northwest	1,978,200	1,893,500	1,940,600	1,485,000	49.9	29.9	96,932,800	44,410,700
Beltrami	9,000	8,300	8,700	5,600	46.0	29.0	400,200	162,400
Koochiching	900	1,900	900	1,900	35.0	34.0	31,500	64,600
Lake of the Woods	15,000	16,400	14,900	14,400	28.0	35.0	417,200	504,000
Other Counties	1,000	1,000	1,000	1,000	44.5	34.3	44,500	34,300
North Central	25,900	27,600	25,500	22,900	35.0	33.4	893,400	765,300
Northeast	100	200	100	100	39.0	23.0	3,900	2,300
Big Stone	57,700	54,300	57,100	51,800	56.0	31.0	3,197,600	1,605,800
Chippewa	20,000	21,200	19,600	14,200	49.0	33.0	960,400	468,600
Douglas	20,000	21,300	19,800	20,200	48.0	33.0	950,400	666,600
Grant	84,200	81,600	83,400	77,400	52.0	35.0	4,336,800	2,709,000
Lac Qui Parle	53,100	52,000	52,000	50,700	50.0	31.0	2,600,000	1,571,700
Otter Tail	63,200	61,600	62,600	58,800	49.0	35.0	3,067,400	2,058,000
Pope	23,700	24,300	23,500	24,200	42.0	36.0	987,000	871,200
Stevens	63,900	61,400	63,300	58,800	57.0	35.0	3,608,100	2,058,000
Swift	32,100	33,600	31,800	31,200	47.0	35.0	1,494,600	1,092,000
Traverse	103,800	99,400	101,700	94,900	51.0	33.0	5,186,700	3,131,700
Wilkin	154,100	143,700	152,600	142,000	54.0	34.0	8,240,400	4,828,000
Yellow Medicine	19,800	18,800	19,600	18,400	52.0	30.0	1,019,200	552,000
West Central	695,600	673,200	687,000	642,600	51.9	33.6	35,648,600	21,612,600
Carver	1,500	2,000	1,500	2,000	36.0	33.0	54,000	66,000
Kandiyohi	8,800	9,300	8,700	9,000	41.0	34.0	356,700	306,000
Mc Leod	4,700	5,200	4,700	4,900	53.0	33.0	249,100	161,700
Meeker	5,700	8,200	5,600	8,100	37.0	34.0	207,200	275,400
Renville	13,900	15,800	13,200	14,400	49.0	35.0	646,800	504,000
Scott	1,600	1,500	1,600	1,400	33.0	36.0	52,800	50,400
Sibley	3,500	4,000	3,500	3,900	50.0	35.0	175,000	136,500
Stearns	3,900	4,400	3,900	4,100	35.0	30.0	136,500	123,000
Todd	2,100	2,700	2,100	2,100	35.0	28.0	73,500	58,800
Wright	2,500	2,600	2,500	2,600	37.0	34.0	92,500	88,400
Other Counties	1,900	2,600	1,100	2,500	32.8	32.2	36,100	80,600
Central	50,100	58,300	48,400	55,000	43.0	33.7	2,080,200	1,850,800
Aitkin	1,300	2,100	1,300	1,900	30.0	32.0	39,000	60,800
Washington	700	1,000	700	1,000	33.0	29.0	23,100	29,000
Other Counties	2,600	2,200	2,100	2,100	34.1	34.0	71,700	71,300
East Central	4,600	5,300	4,100	5,000	32.6	32.2	133,800	161,100

SPRING WHEAT: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93 (CONT'D)

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Bushels-		-Bushels-	
Lincoln	9,500	9,200	9,100	8,800	31.0	22.0	282,100	193,600
Lyon	10,400	8,800	9,900	8,300	46.0	23.0	455,400	190,900
Murray	2,500	1,800	2,500	1,800	48.0	21.0	120,000	37,800
Pipestone	1,300	1,100	1,300	1,100	37.0	20.0	48,100	22,000
Redwood	4,300	4,400	4,100	4,200	40.0	24.0	164,000	100,800
Other Counties	2,800	1,100	2,800	1,000	43.0	23.8	120,400	23,800
Southwest	30,800	26,400	29,700	25,200	40.1	22.6	1,190,000	568,900
Brown	900	1,900	900	1,700	42.0	25.0	37,800	42,500
Le Sueur	3,100	2,400	3,100	2,200	43.0	25.0	133,300	55,000
Nicollet	1,900	2,000	1,900	2,000	48.0	23.0	91,200	46,000
Other Counties	4,900	4,500	4,800	4,000	45.3	27.1	217,200	108,200
South Central	10,800	10,800	10,700	9,900	44.8	25.4	479,500	251,700
Dakota	900	2,000	900	1,900	33.0	30.0	29,700	57,000
Other Counties	3,000	2,700	3,000	2,400	36.0	29.0	108,100	69,600
Southeast	3,900	4,700	3,900	4,300	35.3	29.4	137,800	126,600
Minnesota	2,800,000	2,700,000	2,750,000	2,250,000	50.0	31.0	137,500,000	69,750,000

OATS: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Bushels-		-Bushels-	
Becker	6,200	7,600	5,500	5,900	72.0	53.0	396,000	312,700
Clay	3,900	4,100	2,800	2,900	85.0	67.0	238,000	194,300
Clearwater	4,900	5,700	4,000	4,400	60.0	57.0	240,000	250,800
Kittson	5,200	6,900	3,100	4,700	69.0	48.0	213,900	225,600
Mahnomen	2,600	2,800	2,100	2,200	70.0	53.0	147,000	116,600
Marshall	11,400	11,800	10,100	6,200	84.0	55.0	848,400	341,000
Norman	3,900	4,200	3,500	3,000	82.0	64.0	287,000	192,000
Pennington	9,300	10,000	8,300	7,800	85.0	61.0	705,500	475,800
Polk	5,400	5,700	5,300	4,500	83.0	72.0	439,900	324,000
Red Lake	4,600	5,000	4,100	4,300	81.0	58.0	332,100	249,400
Roseau	11,300	14,800	7,400	7,000	72.0	51.0	532,800	357,000
Northwest	68,700	78,600	56,200	52,900	77.9	57.5	4,380,600	3,039,200
Beltrami	6,100	7,100	3,000	4,100	53.0	63.0	159,000	258,300
Cass	2,300	2,800	400	900	60.0	48.0	24,000	43,200
Hubbard	2,200	2,500	1,300	800	53.0	39.0	68,900	31,200
Lake of the Woods	2,200	3,600	2,100	2,600	38.0	61.0	79,800	158,600
Other Counties	1,000	1,200	600	500	38.5	44.2	23,100	22,100
North Central	13,800	17,200	7,400	8,900	47.9	57.7	354,800	513,400
St.Louis	1,100	1,400	800	700	55.0	28.0	44,000	19,600
Northeast	1,100	1,400	800	700	55.0	28.0	44,000	19,600
Big Stone	2,700	2,900	2,200	1,700	74.0	45.0	162,800	76,500
Chippewa	3,800	4,700	3,000	2,000	83.0	51.0	249,000	102,000
Douglas	17,700	21,300	16,800	15,800	71.0	47.0	1,192,800	742,600
Grant	1,100	1,300	1,000	900	79.0	46.0	79,000	41,400
Lac Qui Parle	5,300	5,500	2,700	3,500	77.0	54.0	207,900	189,000
Otter Tail	43,100	49,800	39,600	38,700	78.0	51.0	3,088,800	1,973,700
Pope	12,800	16,000	12,100	11,000	72.0	51.0	871,200	561,000
Stevens	1,600	2,000	1,300	1,400	78.0	51.0	101,400	71,400
Swift	4,400	5,500	3,100	3,000	76.0	50.0	235,600	150,000
Traverse	1,900	2,000	1,500	1,200	80.0	60.0	120,000	72,000
Wilkin	1,600	1,500	1,400	900	81.0	62.0	113,400	55,800
Yellow Medicine	9,000	9,300	4,700	2,400	74.0	53.0	347,800	127,200
West Central	105,000	121,800	89,400	82,500	75.7	50.5	6,769,700	4,162,600
Benton	7,500	9,500	7,200	7,100	63.0	47.0	453,600	333,700
Carver	8,200	9,600	6,600	6,600	70.0	48.0	462,000	316,800
Kandiyohi	12,000	16,700	9,500	8,300	75.0	49.0	712,500	406,700
Mc Leod	10,200	12,100	9,000	7,700	76.0	61.0	684,000	469,700
Meeker	8,200	11,700	6,600	7,800	69.0	54.0	455,400	421,200
Morrison	12,900	16,400	11,300	11,300	61.0	62.0	689,300	700,600
Renville	7,900	10,100	3,600	4,200	79.0	61.0	284,400	256,200
Scott	4,300	5,100	3,600	3,600	65.0	51.0	234,000	183,600
Sherburne	2,000	2,800	1,400	1,400	50.0	54.0	70,000	75,600
Sibley	12,500	14,400	8,700	7,900	69.0	44.0	600,300	347,600
Stearns	50,600	61,600	46,700	43,600	73.0	53.0	3,409,100	2,310,800
Todd	22,900	27,100	20,900	18,800	62.0	48.0	1,295,800	902,400
Wadena	5,600	6,500	3,600	3,700	58.0	42.0	208,800	155,400
Wright	10,000	12,300	8,100	6,800	62.0	53.0	502,200	360,400
Central	174,800	215,900	146,800	138,800	68.5	52.2	10,061,400	7,240,700

OATS: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93 (CONT'D)

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Bushels-		-Bushels-	
Carlton	1,100	1,000	800	300	50.0	33.0	40,000	9,900
Chisago	2,500	3,000	2,100	2,000	54.0	50.0	113,400	100,000
Crow Wing	2,900	3,900	2,400	2,600	51.0	51.0	122,400	132,600
Hennepin	2,300	2,700	2,100	1,600	60.0	47.0	126,000	75,200
Isanti	1,900	2,900	1,400	1,900	52.0	58.0	72,800	110,200
Kanabec	2,800	3,700	2,300	2,100	57.0	59.0	131,100	123,900
Mille Lacs	4,000	4,700	2,800	3,200	57.0	50.0	159,600	160,000
Pine	4,500	5,500	3,400	3,300	51.0	53.0	173,400	174,900
Washington	2,400	3,000	2,200	1,500	48.0	43.0	105,600	64,500
Other Counties	1,800	2,300	900	1,300	43.2	33.5	38,900	43,500
East Central	26,200	32,700	20,400	19,800	53.1	50.2	1,083,200	994,700
Cottonwood	8,300	12,100	3,400	1,400	80.0	51.0	272,000	71,400
Jackson	9,100	9,500	3,800	900	80.0	48.0	304,000	43,200
Lincoln	9,600	11,000	7,500	5,300	75.0	35.0	562,500	185,500
Lyon	10,600	12,500	6,800	6,100	77.0	35.0	523,600	213,500
Murray	12,700	15,400	7,900	8,800	80.0	47.0	632,000	413,600
Nobles	3,300	2,700	2,000	1,100	82.0	43.0	164,000	47,300
Pipestone	11,900	13,500	8,600	4,500	78.0	38.0	670,800	171,000
Redwood	10,700	17,700	4,800	3,700	82.0	57.0	393,600	210,900
Rock	9,300	10,200	5,300	6,500	78.0	64.0	413,400	416,000
Southwest	85,500	104,600	50,100	38,300	78.6	46.3	3,935,900	1,772,400
Blue Earth	7,900	11,100	2,700	4,900	73.0	41.0	197,100	200,900
Brown	12,000	15,000	7,900	7,100	72.0	39.0	568,800	276,900
Faribault	9,900	12,000	5,000	3,300	88.0	57.0	440,000	188,100
Freeborn	10,900	16,600	4,800	6,600	64.0	44.0	307,200	290,400
Le Sueur	5,300	6,700	3,100	1,900	65.0	44.0	201,500	83,600
Martin	11,200	11,100	4,300	1,000	88.0	42.0	378,400	42,000
Nicollet	7,800	10,400	3,300	5,000	71.0	62.0	234,300	310,000
Rice	7,500	9,400	4,700	6,500	58.0	43.0	272,600	279,500
Steele	9,700	12,700	6,100	4,900	72.0	46.0	439,200	225,400
Waseca	6,500	8,500	2,900	3,700	74.0	39.0	214,600	144,300
Watonwan	6,800	7,000	3,200	1,000	60.0	49.0	192,000	49,000
South Central	95,500	120,500	48,000	45,900	71.8	45.5	3,445,700	2,090,100
Dakota	5,000	7,100	4,000	4,000	60.0	47.0	240,000	188,000
Dodge	9,200	11,100	5,400	5,500	70.0	47.0	378,000	258,500
Fillmore	22,300	26,500	15,800	14,800	60.0	45.0	948,000	666,000
Goodhue	18,400	22,100	14,100	14,800	62.0	42.0	874,200	621,600
Houston	13,700	16,100	4,000	6,900	62.0	48.0	248,000	331,200
Mower	15,900	20,600	7,900	9,600	63.0	45.0	497,700	432,000
Olmsted	14,200	17,600	8,700	9,700	64.0	46.0	556,800	446,200
Wabasha	13,400	16,100	9,000	10,200	58.0	45.0	522,000	459,000
Winona	17,300	20,100	12,000	11,700	55.0	44.0	660,000	514,800
Southeast	129,400	157,300	80,900	87,200	60.9	44.9	4,924,700	3,917,300
Minnesota	700,000	850,000	500,000	475,000	70.0	50.0	35,000,000	23,750,000

ALL HAY: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	HARVESTED ACREAGE		YIELD PER HARVESTED ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993
		-Acres-		-Tons-		-Tons-
Becker	35,700	38,800	2.9	2.8	104,600	107,100
Clay	20,800	21,800	2.9	2.9	60,700	62,600
Clearwater	32,100	31,800	2.6	1.8	82,700	56,200
Kittson	17,600	26,400	2.9	1.8	51,500	47,100
Mahnomen	15,700	19,600	3.4	3.3	52,700	63,900
Marshall	30,500	44,700	3.2	2.1	97,700	93,300
Norman	15,300	17,000	3.7	3.3	55,900	56,100
Pennington	23,200	29,000	3.3	3.1	76,800	90,100
Polk	48,400	46,600	3.4	3.0	162,800	140,600
Red Lake	24,800	23,500	3.3	2.9	82,000	68,700
Roseau	69,500	59,700	2.8	1.6	193,600	95,900
Northwest	333,600	358,900	3.1	2.5	1,021,000	881,600
Beltrami	31,600	28,900	2.1	2.2	66,400	64,600
Cass	32,700	28,000	2.1	2.4	68,700	65,800
Hubbard	16,500	15,500	2.2	2.1	36,300	32,200
Itasca	22,800	26,700	2.0	2.0	46,400	52,700
Koochiching	14,600	14,400	1.5	1.6	22,400	22,600
Lake of the Woods	13,500	13,100	1.9	1.7	25,300	21,800
North Central	131,700	126,600	2.0	2.1	265,500	259,700
St Louis	51,900	47,400	1.8	1.7	94,400	80,900
Other Counties	0	500	0.0	1.8	0	900
Northeast	51,900	47,900	1.8	1.7	94,400	81,800
Stone	6,900	7,200	3.8	3.1	26,100	22,500
Chippewa	6,300	6,700	3.0	3.3	19,000	22,000
Douglas	32,100	35,700	3.1	3.3	99,300	116,900
Grant	9,500	9,700	3.4	2.3	31,900	22,400
Lac Qui Parle	10,900	10,900	3.3	3.7	36,100	40,000
Otter Tail	118,400	122,900	3.0	3.6	359,100	441,200
Pope	27,500	30,900	3.2	2.3	86,800	71,400
Stevens	8,900	9,500	3.3	2.9	29,000	27,600
Swift	11,400	12,700	3.4	2.8	38,800	35,400
Traverse	5,900	7,300	2.0	2.6	11,600	18,900
Wilkin	3,600	5,500	2.7	3.0	9,800	16,300
Yellow Medicine	11,100	11,600	3.6	2.2	40,100	25,800
West Central	252,500	270,600	3.1	3.2	787,600	860,400
Benton	21,900	29,100	2.7	2.9	59,900	83,400
Carver	24,600	28,000	3.6	2.2	88,400	62,300
Kandiyohi	25,500	26,000	3.4	2.1	86,600	54,500
McLeod	18,700	19,700	3.5	3.2	65,100	62,300
Meeker	21,700	29,100	3.4	2.6	73,500	74,300
Morrison	67,600	67,900	2.2	2.3	149,300	155,900
Renville	9,800	13,500	3.6	3.0	35,100	40,300
Scott	15,400	15,000	3.8	2.4	58,600	36,300
Sherburne	10,800	9,600	2.4	2.6	26,000	24,700
Sibley	18,400	17,600	3.6	2.5	65,800	44,100
Stearns	115,100	119,300	3.3	3.1	379,200	371,600
Todd	75,600	80,300	2.6	2.9	198,800	234,400
Wadena	34,000	29,300	2.2	2.9	74,900	83,900
Wright	29,000	32,300	3.2	3.3	91,700	106,000
Central	488,100	516,700	3.0	2.8	1,452,900	1,434,000

ALL HAY: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93 (CONT'D)

DISTRICT AND COUNTY	HARVESTED ACREAGE		YIELD PER HARVESTED ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993
	-Acres-		-Tons-		-Tons-	
Aitkin	34,300	25,000	2.0	1.5	69,800	37,200
Anoka	6,100	6,100	3.0	2.0	18,200	12,100
Carlton	35,300	35,000	1.8	1.7	64,800	58,500
Chisago	18,700	24,300	2.5	2.6	47,400	62,800
Crow Wing	30,400	28,900	2.0	2.1	62,000	61,500
Hennepin	9,200	9,300	3.2	3.5	29,500	32,200
Isanti	11,400	12,200	3.3	2.5	38,000	30,900
Kanabec	30,000	19,000	2.6	2.1	79,100	40,800
Mille Lacs	32,800	33,500	2.4	2.6	78,800	86,900
Pine	58,300	43,200	2.7	2.4	159,000	101,600
Washington	17,800	18,600	3.0	2.2	53,900	40,200
East Central	284,300	255,100	2.5	2.2	700,500	564,700
Cottonwood	10,200	10,800	3.7	2.7	38,100	29,500
Jackson	7,100	7,900	3.3	3.1	23,400	24,600
Lincoln	24,100	25,800	3.1	2.8	73,900	72,100
Lyon	17,700	18,500	3.7	2.3	65,600	41,800
Murray	16,800	18,200	4.2	2.3	71,200	42,400
Nobles	16,300	17,600	3.4	1.5	55,400	25,800
Pipestone	18,600	19,900	4.0	2.2	75,200	43,500
Redwood	12,700	11,700	3.7	2.6	47,300	30,000
Rock	14,000	15,300	3.8	3.4	53,000	52,200
Southwest	137,500	145,700	3.7	2.5	503,100	361,900
Blue Earth	6,600	7,800	3.2	2.8	20,900	21,700
Brown	18,400	19,000	3.2	3.2	58,100	60,800
Faribault	4,700	6,100	3.1	3.2	14,700	19,600
Freeborn	13,200	14,900	3.5	2.7	45,800	40,800
Le Sueur	11,300	13,300	3.5	2.1	39,100	28,300
Martin	7,800	8,500	3.3	2.1	25,500	17,800
Nicollet	10,500	12,700	4.0	3.2	42,000	40,900
Rice	19,100	20,700	3.6	2.0	69,200	41,100
Steele	14,500	18,000	3.3	3.1	47,800	55,700
Waseca	8,100	9,600	3.7	2.7	29,600	26,000
Watonwan	3,100	3,500	3.4	3.2	10,400	11,100
South Central	117,300	134,100	3.4	2.7	403,100	363,800
Dakota	20,700	21,200	3.6	3.5	74,200	74,700
Dodge	14,800	19,200	3.0	1.7	43,800	32,600
Fillmore	61,700	65,900	3.9	3.1	238,800	205,200
Goodhue	49,700	57,100	3.9	3.3	194,500	186,500
Houston	43,200	46,100	4.0	2.6	173,500	120,900
Mower	16,900	23,200	3.8	2.4	64,800	56,300
Olmsted	46,600	52,700	3.5	2.6	160,900	139,400
Wabasha	46,300	53,100	3.6	3.0	168,700	160,100
Winona	53,200	55,900	3.8	3.3	202,700	186,400
Southeast	353,100	394,400	3.7	2.9	1,321,900	1,162,100
Minnesota	2,150,000	2,250,000	3.0	2.7	6,550,000	5,970,000

ALFALFA HAY: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993
	-Acres-		-Tons-		-Tons-	
Becker	23,700	25,600	3.5	3.1	83,000	80,100
Clay	16,600	17,200	3.2	3.1	53,100	53,800
Clearwater	17,600	17,700	2.8	2.1	49,300	37,600
Kittson	10,200	10,400	3.3	2.1	33,700	22,100
Mahnomen	15,200	16,300	3.4	3.6	51,700	59,100
Marshall	22,900	22,200	3.5	2.3	80,200	50,000
Norman	14,800	16,200	3.7	3.4	54,800	54,700
Pennington	18,700	19,400	3.5	3.8	65,500	72,800
Polk	32,400	31,600	3.8	3.3	122,800	102,800
Red Lake	17,300	17,100	3.7	3.3	64,000	55,600
Roseau	47,000	42,200	3.0	1.6	141,000	68,600
Northwest	236,400	235,900	3.4	2.8	799,100	657,200
Beltrami	15,600	16,300	1.9	2.8	29,600	44,900
Cass	4,500	4,800	2.1	3.3	9,500	15,600
Hubbard	6,100	5,700	2.2	2.8	13,400	15,700
Itasca	1,500	1,600	1.5	2.8	2,300	4,400
Koochiching	4,900	4,200	2.0	1.9	9,800	7,900
Lake of The Woods	5,700	4,500	2.1	1.9	12,000	8,400
North Central	38,300	37,108	1.9	2.6	76,600	96,900
Northeast	1,900	1,700	2.3	2.4	4,400	4,000
Big Stone	6,300	6,200	4.0	3.4	25,200	20,900
Chippewa	5,500	6,000	3.2	3.5	17,600	21,000
Douglas	28,300	30,200	3.2	3.6	90,600	109,600
Grant	7,400	7,000	3.6	2.5	26,600	17,500
Lac Qui Parle	9,600	9,800	3.5	3.9	33,600	38,000
Otter Tail	97,300	103,600	3.3	3.9	321,100	401,800
Pope	24,700	25,300	3.3	2.5	81,500	63,300
Stevens	7,100	7,400	3.5	3.3	24,900	24,100
Swift	10,000	11,500	3.6	2.9	36,000	33,100
Traverse	5,200	4,800	1.9	3.3	9,900	15,600
Wilkin	2,200	4,000	3.0	3.5	6,600	14,000
Yellow Medicine	9,500	9,800	3.9	2.3	37,100	22,100
West Central	213,100	225,600	3.1	3.5	710,700	781,000
Benton	12,700	15,500	3.2	3.4	40,600	52,400
Carver	23,100	24,600	3.7	2.3	85,500	55,400
Kandiyohi	23,700	24,200	3.5	2.1	83,000	51,500
McLeod	16,900	17,200	3.6	3.4	60,800	58,100
Meeker	18,400	19,300	3.6	2.8	66,200	53,100
Morrison	34,200	41,800	2.9	2.8	99,200	115,100
Renville	8,400	9,500	3.8	3.4	31,900	32,100
Scott	14,200	13,900	4.0	2.5	56,800	34,800
Sherburne	7,200	7,200	2.8	2.9	20,200	20,700
Sibley	14,200	13,800	4.1	2.5	58,200	34,500
Stearns	98,200	105,700	3.5	3.3	347,100	343,800
Todd	58,600	69,100	2.9	3.0	169,900	207,500
Wadena	20,500	21,000	2.6	3.4	53,300	70,900
Wright	27,300	30,300	3.2	3.4	87,400	102,400
Central	377,600	413,100	3.0	3.0	1,260,100	1,232,300

ALFALFA HAY: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93 (CONT'D)

DISTRICT AND COUNTY	PLANTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993
	-Acres-		-Tons-		-Tons-	
Anoka	4,100	4,200	3.5	2.0	14,400	8,400
Carlton	6,200	6,800	2.0	2.1	12,400	14,500
Chisago	10,100	9,200	2.9	2.9	29,300	26,500
Crow Wing	14,200	15,700	2.2	2.5	31,200	39,300
Hennepin	7,500	7,700	3.5	3.8	26,300	28,900
Isanti	8,300	9,400	3.8	2.8	31,500	25,900
Kanabec	10,600	5,500	3.8	3.0	40,300	16,500
Mille Lacs	17,500	18,300	3.1	2.8	54,300	50,400
Pine	20,300	14,000	3.9	3.5	79,200	49,000
Washington	11,000	12,000	3.6	2.6	39,600	31,500
Other Counties	1,300	900	2.9	2.8	3,800	2,500
East Central	111,100	103,700	3.0	2.8	362,300	293,400
Cottonwood	8,800	9,200	4.0	3.0	35,200	27,600
Jackson	5,200	5,700	3.8	3.4	19,800	19,300
Lincoln	18,600	20,800	3.5	3.0	65,100	62,500
Lyon	15,800	16,900	3.9	2.3	61,600	38,100
Murray	16,200	17,500	4.3	2.4	69,700	41,600
Nobles	14,500	15,600	3.6	1.4	52,200	21,500
Pipestone	18,000	18,700	4.1	2.3	73,800	42,100
Redwood	11,200	10,800	3.9	2.6	43,700	28,400
Rock	12,800	14,200	4.0	3.5	51,200	49,700
Southwest	121,100	129,400	3.5	2.6	472,300	330,800
Blue Earth	5,000	5,800	3.5	3.1	17,500	18,100
Brown	17,700	18,300	3.2	3.3	56,600	59,500
Faribault	3,300	4,500	3.4	3.6	11,200	16,300
Freeborn	11,900	13,700	3.6	2.9	42,800	39,400
Le Sueur	10,000	11,900	3.6	2.1	36,000	25,300
Martin	6,500	7,400	3.5	2.1	22,800	15,700
Nicollet	10,000	12,400	4.1	3.3	41,000	40,300
Rice	17,600	16,400	3.7	2.0	65,100	32,800
Steele	12,800	14,700	3.4	3.3	43,500	47,800
Waseca	7,900	9,200	3.7	2.8	29,200	25,300
Watonwan	2,700	3,300	3.5	3.2	9,500	10,700
South Central	105,400	117,600	3.1	2.8	375,200	331,200
Dakota	15,900	16,800	4.0	4.0	63,600	67,300
Dodge	7,900	10,600	3.8	1.9	30,000	20,200
Fillmore	53,400	57,500	4.1	3.3	218,900	187,000
Goodhue	46,400	53,800	4.0	3.4	185,600	181,700
Houston	38,500	41,000	4.2	2.8	161,700	112,900
Mower	14,500	21,500	4.1	2.5	59,500	53,800
Olmsted	33,200	39,500	4.0	3.1	132,800	123,500
Wabasha	41,800	48,900	3.8	3.1	158,800	153,000
Winona	43,500	46,300	4.1	3.8	178,400	173,800
Southeast	295,100	335,900	3.1	3.2	1,189,300	1,073,200
Minnesota	1,500,000	1,600,000	3.5	3.0	5,250,000	4,800,000

BARLEY: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

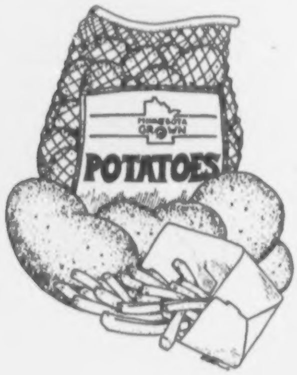
DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Bushels-		-Bushels-	
Becker	25,700	24,200	25,400	23,200	71.0	52.0	1,803,400	1,206,400
Clay	55,500	56,200	54,400	55,100	69.0	64.0	3,753,600	3,526,400
Clearwater	3,800	3,900	3,800	3,300	61.0	42.0	231,800	138,600
Kittson	35,600	33,100	33,800	18,200	78.0	67.0	2,636,400	1,219,400
Mahnomen	42,500	40,300	40,000	37,200	67.0	50.0	2,680,000	1,860,000
Marshall	76,300	77,300	74,000	60,800	82.0	60.0	6,068,000	3,648,000
Norman	90,400	88,700	86,800	87,800	79.0	64.0	6,857,200	5,619,200
Pennington	39,800	41,800	39,000	40,200	84.0	52.0	3,276,000	2,090,400
Polk	131,100	135,800	127,200	133,800	80.0	65.0	10,176,000	8,697,000
Red Lake	26,900	27,300	25,800	26,900	79.0	60.0	2,038,200	1,614,000
Roseau	41,600	47,100	39,900	25,400	60.0	48.0	2,394,000	1,219,200
Northwest	569,200	575,700	550,100	511,900	76.2	60.2	41,914,600	30,838,600
Beltrami	3,500	4,200	3,300	3,400	58.0	38.0	191,400	129,200
Hubbard	1,900	1,900	1,900	1,600	54.0	45.0	102,600	72,000
Lake of the Woods	4,500	4,400	4,500	4,100	39.0	40.0	175,500	164,000
Other Counties	1,500	1,400	1,500	1,200	50.3	37.3	78,400	44,800
North Central	11,400	11,900	11,200	10,300	48.9	39.8	547,900	410,000
Big Stone	1,300	1,500	1,300	1,500	85.0	52.0	110,500	78,000
Douglas	3,100	4,800	3,100	4,600	70.0	47.0	217,000	216,200
Grant	12,800	12,700	12,400	11,200	75.0	51.0	930,000	571,200
Otter Tail	16,200	20,000	15,900	18,800	66.0	51.0	1,049,400	958,800
Pope	1,100	1,200	1,100	1,100	62.0	46.0	68,200	50,600
Stevens	5,300	4,600	5,300	4,100	77.0	45.0	408,100	184,500
Swift	900	1,000	800	900	71.0	47.0	56,800	42,300
Traverse	14,500	13,300	14,200	12,200	84.0	55.0	1,192,800	671,000
Wilkin	28,700	30,600	27,000	29,100	80.0	57.0	2,160,000	1,658,700
Other Counties	500	700	500	600	79.8	46.0	39,900	27,600
West Central	84,400	90,400	81,600	84,100	76.4	53.0	6,232,700	4,458,900
Benton	900	1,200	900	1,200	55.0	56.0	49,500	67,200
Meeker	1,100	1,500	1,100	1,500	84.0	55.0	92,400	82,500
Morrison	1,700	2,800	1,500	2,500	60.0	44.0	90,000	110,000
Stearns	7,300	10,700	6,800	10,100	60.0	46.0	408,000	464,600
Todd	7,400	12,200	6,900	11,500	50.0	46.0	345,000	529,000
Wadena	2,100	2,500	1,900	2,500	60.0	51.0	114,000	127,500
Wright	900	1,400	700	1,300	69.0	51.0	48,300	66,300
Other Counties	1,400	1,900	1,400	1,700	71.6	47.7	100,200	81,100
Central	22,800	34,200	21,200	32,300	58.8	47.3	1,247,400	1,528,200
Kanabec	400	1,000	400	900	55.0	43.0	22,000	38,700
Other Counties	1,800	2,200	1,600	1,900	53.5	45.3	85,600	86,100
East Central	2,200	3,200	2,000	2,800	53.8	44.6	107,600	124,800
Southwest	1,300	1,500	1,300	1,300	68.8	32.2	89,500	41,800
Goodhue	1,700	1,900	1,400	1,700	49.0	40.0	68,600	68,000
Wabasha	1,300	1,400	1,200	1,300	59.0	47.0	70,800	61,100
Winona	1,400	1,100	900	1,000	65.0	45.0	58,500	45,000
Other Counties	2,500	2,300	2,300	2,200	71.1	35.2	163,500	77,400
Southeast	6,900	6,700	5,800	6,200	62.3	40.6	361,400	251,500
Other Districts	1,800	1,400	1,800	1,100	68.8	42.0	123,900	46,200
Minnesota	700,000	725,000	675,000	650,000	75.0	58.0	50,625,000	37,700,000

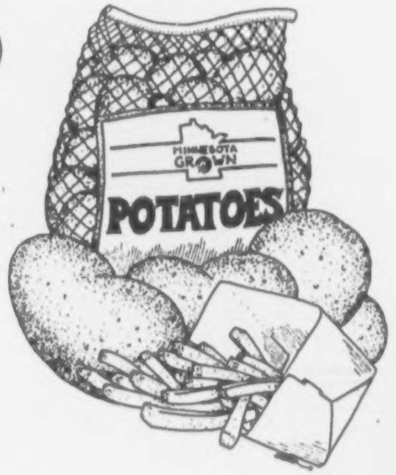
RYE: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

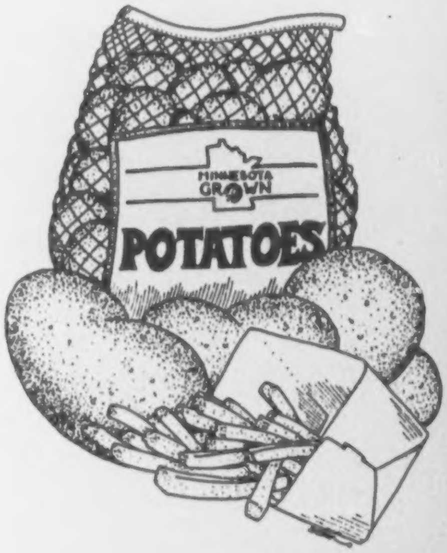
DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Bushels-		-Bushels-	
Northwest	2,900	1,900	2,600	1,800	32.0	31.3	83,100	56,300
Hubbard	900	1,000	700	800	30.0	33.0	21,000	26,400
Other Counties	600	400	500	200	30.4	31.5	15,200	6,300
North Central	1,500	1,400	1,200	1,000	30.2	32.7	36,200	32,700
West Central	2,100	1,800	1,700	1,400	28.9	28.8	49,100	40,300
Benton	1,900	2,000	1,700	1,500	32.0	30.0	54,400	45,000
Morrison	3,000	3,100	2,400	2,200	36.0	34.0	86,400	74,800
Sherburne	3,800	4,400	3,200	3,000	28.0	29.0	89,600	87,000
Stearns	1,600	2,000	1,300	1,700	33.0	27.0	42,900	45,900
Wadena	1,300	1,100	900	900	26.0	26.0	23,400	23,400
Other Counties	1,700	1,700	1,300	1,500	31.4	27.3	41,900	41,000
Central	13,300	14,300	10,800	10,800	31.4	29.4	338,600	317,100
Anoka	2,300	2,300	1,300	1,800	23.0	33.0	29,900	59,400
Chisago	1,100	1,100	600	900	25.0	26.0	15,000	23,400
Isanti	3,300	3,300	2,900	2,000	29.0	23.0	84,100	46,000
Other Counties	2,000	2,000	1,400	1,600	26.9	26.0	37,600	41,600
East Central	8,700	8,700	6,200	6,300	26.9	27.0	166,600	170,400
Southwest	500	300	500	300	32.8	25.3	16,400	7,600
South Central	400	700	400	600	30.8	29.5	12,300	17,700
Southeast	600	900	600	800	29.5	31.1	17,700	24,900
Minnesota	30,000	30,000	24,000	23,000	30.0	29.0	720,000	667,000

POTATOES: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Cwt-		-Cwt-	
Clay	4,900	5,200	4,700	3,400	205	150	963,500	510,000
Kittson	4,800	4,600	4,700	1,400	180	110	846,000	154,000
Marshall	11,000	9,700	10,300	6,800	150	100	1,545,000	680,000
Norman	1,600	1,600	1,100	1,000	110	120	121,000	120,000
Polk	24,800	22,500	23,900	19,000	190	160	4,541,000	3,040,000
Red Lake	2,000	1,900	1,800	1,700	200	165	360,000	280,000
Lake of the Woods	1,000	1,000	800	900	150	140	120,000	126,000
Morrison	2,000	1,900	1,800	1,800	430	400	774,000	720,000
Sherburne	5,000	4,300	5,000	4,200	330	300	1,650,000	1,260,000
Todd	1,500	1,600	1,500	1,600	420	350	630,000	560,000
Freeborn	3,200	2,200	3,000	900	300	90	900,000	81,000
All Other Counties	16,400	20,700	15,500	19,400	383	345	5,937,500	6,699,000
Minnesota	78,200	77,200	74,100	62,100	248	229	18,388,000	14,230,000





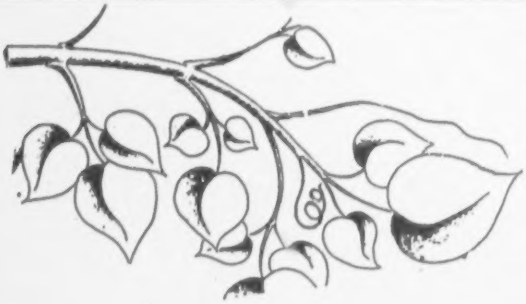


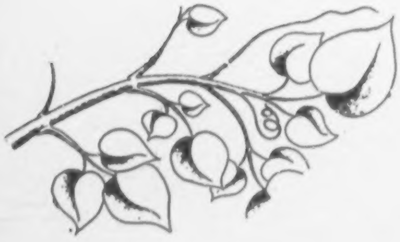
SUGARBEETS: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Tons-		-Tons-	
Becker	700	1,400	700	1,400	17.6	14.5	12,300	20,300
Clay	57,000	57,600	56,800	56,200	17.2	14.6	974,200	821,400
Kittson	22,600	21,800	22,600	21,700	14.3	15.6	323,200	339,000
Marshall	27,900	26,700	27,900	25,700	16.1	16.4	449,300	421,300
Norman	34,800	34,600	34,700	34,000	17.8	16.5	615,800	562,400
Polk	94,700	97,800	94,600	97,800	17.2	16.8	1,624,500	1,647,900
Red Lake	1,700	1,900	1,700	1,900	16.8	15.7	28,500	29,800
Other Counties	600	600	500	600	21.0	18.5	10,500	11,100
Northwest	240,000	242,400	239,500	239,300	16.9	16.1	4,038,300	3,853,200
Chippewa	27,900	32,300	27,500	30,900	21.5	10.2	591,800	313,900
Grant	7,400	7,300	7,300	7,100	21.8	10.7	158,800	76,100
Otter Tail	1,100	1,500	1,100	1,500	20.6	10.2	22,700	15,300
Swift	4,800	6,300	4,700	6,000	19.9	11.8	93,400	70,900
Traverse	5,900	6,600	5,800	6,200	21.5	9.9	124,800	61,300
Wilkin	29,600	30,000	29,600	29,700	20.8	12.9	616,200	383,500
Yellow Medicine	2,300	2,800	2,200	2,500	22.6	10.2	49,800	25,600
Other Counties	2,100	1,800	2,000	1,800	20.5	11.1	40,900	20,000
West Central	81,100	88,600	80,200	85,700	21.2	11.3	1,698,400	966,600
Kandiyohi	10,200	11,400	10,100	10,800	21.8	9.9	219,900	106,400
Renville	32,800	39,300	32,500	36,000	21.8	9.5	707,200	341,700
Sibley	2,700	4,000	2,600	3,700	24.9	12.3	64,600	45,500
Other Counties	3,100	1,600	3,000	1,600	23.1	8.4	69,300	13,500
Central	48,800	56,300	48,200	52,100	22.0	9.7	1,061,000	507,100
Redwood	2,100	2,700	2,100	1,900	22.5	9.0	47,300	17,100
Southwest	2,100	2,700	2,100	1,900	22.5	9.0	47,300	17,100
Minnesota	372,000	390,000	370,000	379,000	18.5	14.1	6,845,000	5,344,000

DRY EDIBLE BEANS: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Pounds-		-Cwt-	
Becker	3,200	3,200	3,100	2,600	1540	750	47,740	19,500
Clay	2,300	2,800	2,300	2,500	1560	900	35,880	22,500
Kittson	1,300	1,300	1,000	800	1300	400	13,000	3,200
Marshall	10,500	11,300	10,200	9,000	1340	750	136,680	67,500
Norman	2,200	1,900	2,100	1,700	1390	900	29,190	15,300
Polk	18,600	18,700	18,200	15,200	1350	1050	245,700	159,600
Other Counties	1,400	1,000	1,400	900	1460	733	20,440	6,600
Northwest	39,500	40,200	38,300	32,700	1380	900	528,630	294,200
Hubbard	8,400	7,900	8,200	6,300	1500	1600	123,000	100,800
Other Counties	600	600	600	300	1460	600	8,760	1,800
North Central	9,000	8,500	8,800	6,600	1497	1555	131,760	102,600
Grant	1,900	4,000	1,800	3,700	1770	1000	31,860	37,000
Otter Tail	11,800	12,100	11,600	10,900	1430	900	165,880	98,100
Pope	1,500	2,000	1,500	1,800	1770	1000	26,550	18,000
Stevens	2,100	2,400	2,000	2,000	1750	1000	35,000	20,000
Swift	4,600	4,900	4,300	4,000	1440	800	61,920	32,000
Traverse	2,300	2,800	2,200	2,000	1550	850	34,100	17,000
Wilkin	2,200	2,700	2,100	2,300	1540	1100	32,340	25,300
Other Counties	4,000	3,300	3,900	2,300	1517	713	59,170	16,400
West Central	30,400	34,200	29,400	29,000	1520	910	446,820	263,800
Kandiyohi	2,800	4,500	2,700	2,500	1430	600	38,610	15,000
Meeker	700	1,300	700	800	1460	800	10,220	6,400
Morrison	1,600	2,000	1,600	1,600	1470	1050	23,520	16,800
Renville	6,800	10,200	6,600	6,800	1580	600	104,280	40,800
Sherburne	1,200	1,500	1,200	1,500	1470	1200	17,640	18,000
Stearns	2,200	1,800	2,100	1,400	1600	950	33,600	13,300
Todd	1,400	1,300	1,400	1,200	1480	1400	20,720	16,800
Wadena	2,700	2,600	2,600	2,300	1430	1500	37,180	34,500
Other Counties	1,100	1,300	1,000	1,100	1435	927	14,350	10,200
Central	20,500	26,500	19,900	19,200	1508	895	300,120	171,800
All Other District	600	600	600	500	1445	720	8,670	3,600
Minnesota	100,000	110,000	97,000	88,000	1460	950	1,416,000	836,000





ALL SUNFLOWERS: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Pounds-		-Pounds-	
Becker	4,200	21,700	4,200	20,100	1,793	800	7,530,000	16,080,000
Clay	10,800	29,200	10,700	27,200	1,600	1,200	17,120,000	32,640,000
Clearwater	1,600	3,600	1,400	3,100	1,600	916	2,240,000	2,840,000
Kittson	17,800	23,300	14,900	16,800	1,314	913	19,580,000	15,340,000
Mahnomen	4,700	16,600	4,600	13,700	1,721	1,251	7,915,000	17,140,000
Marshall	28,700	40,500	27,700	34,700	1,510	1,086	41,820,000	37,700,000
Norman	17,000	35,300	16,600	33,800	1,617	1,073	26,835,000	36,280,000
Pennington	19,400	30,700	18,800	26,600	1,470	1,111	27,645,000	29,550,000
Polk	34,800	62,900	34,400	61,800	1,735	1,437	59,695,000	88,790,000
Red Lake	14,000	19,700	13,500	19,400	1,530	1,087	20,660,000	21,080,000
Roseau	32,300	37,500	30,600	23,600	1,018	900	31,160,000	21,240,000
Northwest	185,300	321,000	177,400	280,800	1,478	1,135	262,200,000	318,680,000
Beltrami	--	1,000	--	800	--	900	--	720,000
Lake of The Woods	--	1,600	--	1,100	--	800	--	880,000
Other Counties	1,900	700	1,800	300	883	1,000	1,590,000	300,000
North Central	1,900	3,300	1,800	2,200	883	864	1,590,000	1,900,000
Grant	--	4,100	--	3,800	--	1,332	--	5,060,000
Otter Tail	2,900	8,000	2,900	6,100	1,650	805	4,785,000	4,910,000
Stevens	1,100	2,500	1,100	2,300	1,800	1,400	1,980,000	3,220,000
Traverse	1,900	9,900	1,900	9,000	1,826	1,000	3,470,000	9,000,000
Wilkin	17,500	31,900	17,400	28,500	1,800	1,055	31,320,000	30,070,000
Other Counties	1,600	3,500	1,600	3,500	1,650	1,266	2,640,000	4,430,000
West Central	25,000	59,900	24,900	53,200	1,775	1,066	44,195,000	56,690,000
Morrison	--	3,100	--	2,400	--	1,300	--	3,120,000
Other Counties	--	1,500	--	1,400	--	1,150	--	1,610,000
Central	--	4,600	--	3,800	--	1,245	--	4,730,000
Other District	2,800	1,200	1,900	--	1,613	--	3,065,000	--
Minnesota	215,000	390,000	206,000	340,000	1,510	1,124	311,050,000	382,000,000

OIL SUNFLOWERS: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Pounds-		-Pounds-	
Becker	4,100	21,700	4,100	20,100	1,800	800	7,380,000	16,080,000
Clay	10,200	28,400	10,100	26,500	1,600	1,200	16,160,000	31,800,000
Clearwater	1,600	2,600	1,400	2,200	1,600	800	2,240,000	1,760,000
Kittson	9,900	13,600	8,500	9,500	1,400	1,000	11,900,000	9,500,000
Mahnomen	3,700	12,200	3,700	10,200	1,750	1,200	6,475,000	12,240,000
Marshall	26,500	35,300	25,900	30,000	1,500	1,100	38,850,000	33,000,000
Norman	11,100	22,400	11,100	21,400	1,600	1,000	17,760,000	21,400,000
Pennington	18,000	27,500	17,700	23,700	1,450	1,100	25,665,000	26,070,000
Polk	22,600	39,300	22,300	39,100	1,700	1,400	37,910,000	54,740,000
Red Lake	9,800	14,100	9,400	13,800	1,500	1,000	14,100,000	13,800,000
Roseau	26,600	28,400	25,000	17,200	1,000	900	25,000,000	15,480,000
Northwest	144,100	245,500	139,200	213,700	1,461	1,104	203,440,000	235,870,000
North Central	1,500	2,000	1,500	1,300	820	877	1,230,000	1,140,000
Grant	800	2,800	800	2,600	1,600	1,300	1,280,000	3,380,000
Otter Tail	2,900	7,000	2,900	5,300	1,650	700	4,785,000	3,710,000
Stevens	1,100	2,100	1,100	2,000	1,800	1,400	1,980,000	2,800,000
Traverse	1,200	6,100	1,200	6,000	1,900	1,000	2,280,000	6,000,000
Wilkin	15,700	25,500	15,600	22,100	1,800	1,100	28,080,000	24,310,000
Other Counties	800	3,200	800	3,200	1,700	1,269	1,360,000	4,060,000
West Central	22,500	4[illegible]700	22,400	41,200	1,775	1,074	39,765,000	44,260,000
Morrison	300	3,100	300	2,400	1,600	1,300	480,000	3,120,000
Other Counties	400	1,500	400	1,400	1,800	1,150	720,000	1,610,000
Central	700	4,600	700	3,800	1,714	1,245	1,200,000	4,730,000
East Central	400	800	400	0	1,488	0	595,000	0
Southwest	800	400	800	0	1,588	0	1,270,000	0
Minnesota	170,000	300,000	165,000	260,000	1,500	1,100	247,500,000	286,000,000

FLAX: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARVESTED ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Bushels-		-Bushels-	
Kittson	1,600	2,300	1,600	1,300	26.0	17.0	41,600	22,100
Marshall	1,700	2,900	1,700	2,200	26.0	20.0	44,200	44,000
Roseau	4,000	4,600	4,000	2,500	19.0	14.0	76,000	35,000
Other Counties	1,300	2,200	1,300	2,000	25.2	18.0	32,800	35,900
Northwest	8,600	12,000	8,600	8,000	22.6	17.1	194,600	137,000
Lake of the Woods	700	2,000	700	1,000	14.0	10.0	9,800	10,000
Other Counties	200	300	200	300	20.0	13.3	4,000	4,000
North Central	900	2,300	900	1,300	15.3	10.8	13,800	14,000
All Other Districts	500	700	500	700	23.2	27.1	11,600	19,000
Minnesota	10,000	15,000	10,000	10,000	22.0	17.0	220,000	170,000

SWEET CORN FOR PROCESSING: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Tons-		-Tons-	
West Central	4,200	1,400	3,800	1,100	6.30	3.37	23,940	3,710
Kandiyohi	2,100	1,600	2,000	1,400	5.80	4.00	11,600	5,600
McLeod	2,700	2,800	2,500	2,500	6.60	3.80	16,500	9,500
Renville	17,600	17,700	16,000	15,400	6.70	3.30	107,200	50,820
Sherburne	2,000	2,000	1,800	1,800	6.30	5.00	11,340	9,000
Sibley	5,200	7,100	4,900	6,600	6.80	4.20	33,320	27,720
Other Counties	3,400	2,100	3,300	2,000	6.24	4.27	20,580	8,540
Central	33,000	33,300	30,500	29,700	6.58	3.74	200,540	111,180
Redwood	6,600	6,100	5,300	3,700	7.10	3.90	37,630	14,430
Southwest	6,600	6,100	5,300	3,700	7.10	3.90	37,630	14,430
Blue Earth	3,200	2,000	3,000	2,000	5.90	2.40	17,700	4,800
Brown	10,900	8,600	8,800	7,600	7.00	4.50	61,600	34,230
Faribault	15,100	10,700	14,600	10,500	6.10	3.80	89,060	39,900
Freeborn	6,800	7,400	6,000	6,900	5.90	2.50	35,400	17,250
LeSueur	2,300	2,300	2,100	2,300	7.10	3.50	14,910	8,050
Martin	4,500	1,000	4,000	700	5.90	2.90	23,600	2,030
Nicollet	4,700	4,800	4,400	4,300	6.90	3.40	30,360	14,620
Steele	4,200	4,100	3,900	3,700	5.90	2.50	23,010	9,250
Waseca	7,100	7,100	6,800	6,600	6.70	2.80	45,560	18,480
Other Counties	1,800	700	1,600	600	6.64	3.20	10,630	1,920
South Central	60,600	48,700	55,200	45,200	6.37	3.33	351,830	150,530
Dakota	4,100	4,200	3,900	4,200	6.50	4.80	25,350	20,160
Dodge	4,500	2,100	4,100	2,100	6.60	5.30	27,060	11,130
Goodhue	10,200	9,200	8,200	8,700	5.50	4.60	45,100	40,020
Mower	4,200	4,700	3,900	3,300	5.50	4.60	21,450	15,180
Olmsted	5,900	5,900	4,900	5,400	5.60	4.90	27,440	26,460
Wabasha	4,100	4,400	3,700	4,200	5.60	4.80	20,720	20,160
Other Counties	1,100	1,200	1,000	1,200	5.58	4.93	5,580	5,920
Southeast	34,100	31,700	29,700	29,100	5.81	4.77	172,700	139,030
All Other Districts	600	500	500	500	6.72	3.86	3,360	1,930
Minnesota	139,100	121,700	125,000	109,300	6.32	3.85	790,000	420,810

GREEN PEAS FOR PROCESSING: ACREAGE, YIELD AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

DISTRICT AND COUNTY	PLANTED ACREAGE		HARVESTED ACREAGE		YIELD PER HARV. ACRE		PRODUCTION	
	1992	1993	1992	1993	1992	1993	1992	1993
	-Acres-		-Acres-		-Tons-		-Tons-	
Kandiyohi	1,900	1,000	1,800	800	1.30	1.20	2,340	960
McLeod	2,000	1,200	1,900	1,000	1.80	1.40	3,420	1,400
Meeker	2,700	1,000	2,600	900	1.50	1.30	3,900	1,170
Renville	14,400	7,800	13,700	4,600	1.40	0.80	19,180	3,680
Scott	1,000	0	900	0	1.60	0.00	1,440	0
Sibley	8,500	4,700	7,500	3,000	1.80	0.90	13,500	2,700
Central	30,500	15,700	28,400	10,300	1.54	0.96	43,780	9,910
Redwood	4,000	3,300	3,600	2,400	2.20	0.90	7,920	2,160
Southwest	4,000	3,300	3,600	2,400	2.20	0.90	7,920	2,160
Blue Earth	4,200	1,700	3,900	1,500	2.10	1.10	8,190	1,650
Brown	7,800	4,300	6,900	2,800	2.40	1.00	16,560	2,800
Freeborn	2,600	1,000	2,500	1,000	2.30	1.30	5,750	1,300
LeSueur	2,900	1,200	2,800	1,000	1.40	0.90	3,920	900
Martin	4,200	0	3,700	0	1.70	0.00	6,290	0
Nicollet	3,100	1,700	3,000	1,600	1.80	1.10	5,400	1,760
Steele	3,900	3,000	3,800	3,000	1.80	1.00	6,840	3,000
Waseca	5,300	4,800	5,100	4,400	2.20	1.10	11,220	4,840
Watonwan	1,100	0	1,100	0	2.30	0.00	2,530	0
Other Counties	6,300	800	5,400	800	1.58	1.19	9,960	950
South Central	41,400	18,500	38,200	16,100	2.01	1.07	76,660	17,200
Dakota	4,900	2,300	4,200	2,300	2.10	1.10	8,820	2,530
Dodge	2,600	1,800	2,400	1,800	1.80	0.90	4,320	1,620
Goodhue	5,400	3,700	5,200	3,700	1.80	0.90	9,360	3,330
Mower	4,400	2,800	4,400	2,800	2.30	1.60	10,120	4,480
Olmsted	3,600	2,900	3,200	2,600	1.70	1.30	5,440	3,380
Wabasha	2,900	2,000	2,900	1,800	1.70	1.10	4,930	1,980
Other Counties	1,400	1,000	1,400	1,000	1.70	0.90	2,380	900
Southeast	25,200	16,500	23,700	16,000	1.91	1.14	45,370	18,220
All Other Districts	200	0	200	0	1.80	0.00	360	0
Minnesota	101,300	54,000	94,100	44,800	1.85	1.06	174,090	47,490

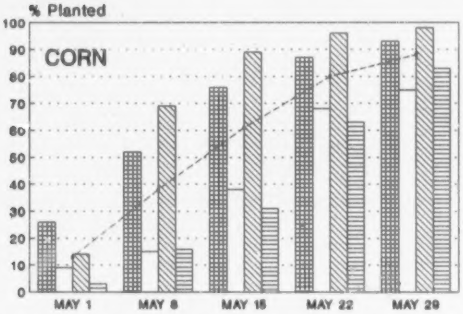
AVERAGE COMPLETION DATES FOR MINNESOTA PLANTING AND HARVESTING

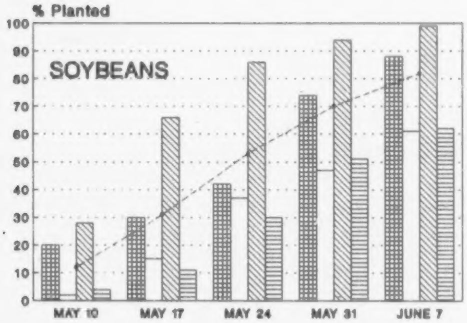
Crop and Year	Date *PLANTING* Completed					Date *HARVESTING* Completed				
	-Percent-					-Percent-				
	10	25	50	75	90	10	25	50	75	90
CORN:										
1993	May 5	May 13	May 20	May 26	June 5	Oct. 19	Oct. 25	Nov. 4	Nov. 11	Nov. 19
1992	Apr. 30	May 3	May 6	May 9	May 16	Oct. 19	Oct. 27	Nov. 15	Nov. 25	Dec. 4
1989-93	Apr. 29	May 6	May 12	May 20	May 31	Oct. 6	Oct. 13	Oct. 23	Nov. 5	Nov. 19
SOYBEANS:										
1993	May 17	May 23	May 31	June 15	July 10	Oct. 1	Oct. 10	Oct. 14	Oct. 19	Oct. 24
1992	May 5	May 10	May 31	May 20	May 28	Sep. 29	Oct. 3	Oct. 11	Oct. 18	Oct. 24
1989-93	May 8	May 15	May 23	June 4	July 14	Sep. 27	Oct. 2	Oct. 8	Oct. 15	Oct. 21
SPRING WHEAT:										
1993	Apr. 21	Apr. 26	May. 3	May. 8	May 14	Aug. 18	Aug. 27	Sep. 6	Sep. 21	Sep. 29
1992	Apr. 13	Apr. 23	May 5	May 15	May 22	Aug. 17	Aug. 31	Sep. 16	Sep. 27	Oct. 1
1989-93	Apr. 14	Apr. 22	Apr. 29	May 8	May 15	Aug. 1	Aug. 7	Aug. 16	Sep. 6	Sep. 25
OATS:										
1993	Apr. 24	Apr. 29	May 6	May 14	May 20	Aug. 1	Aug. 9	Aug. 13	Aug. 21	Aug. 30
1992	Apr. 11	Apr. 25	May 1	May 7	May 12	Aug. 1	Aug. 4	Aug. 10	Aug. 18	Sep. 2
1989-93	Apr. 12	Apr. 22	Apr. 29	May 8	May 16	July 19	July 26	Aug. 2	Aug. 11	Aug. 20
BARLEY:										
1993	Apr. 22	Apr. 27	May 4	May 9	May 14	Aug. 12	Aug. 18	Aug. 22	Sep. 4	Sep. 25
1992	Apr. 19	Apr. 29	May 8	May 15	May 22	Aug. 10	Aug. 18	Sep. 1	Sep. 19	Sep. 28
1989-93	Apr. 19	Apr. 25	May 3	May 10	May 17	July 27	July 31	Aug. 9	Aug. 22	Sep.13
FLAX:										
1993	May 8	May 12	May 17	May 24	May 28	Sep. 12	Sep. 18	Sep. 27	Oct. 15	Oct. 27
1992	May 13	May 18	May 25	June 7	June 14	Sep. 19	Sep. 29	Oct. 10	Oct. 17	Oct. 20
1989-93	May 9	May 14	May 20	May 28	June 4	Aug. 29	Sep. 4	Sep. 17	Oct. 4	Oct. 16
SUNFLOWERS:										
1993	May 6	May 12	May 17	May 23	May 29	Oct. 12	Oct. 18	Oct. 23	Nov. 1	Nov. 6
1992	May 11	May 16	May 22	May 28	June 5	Oct. 6	Oct. 12	Oct. 23	Oct. 31	Nov. 13
1989-93	May 10	May 15	May 21	May 28	June 3	Sep. 30	Oct. 5	Oct. 13	Oct. 22	Nov. 1
ALFALFA HAY: 1/										
1993						June 7	June 11	June 21	June 30	July 11
1992						June 1	June 3	June 9	June 16	July 8
1989-93						June 3	June 9	June 15	June 26	July 6
WINTER WHEAT:										
1993	Aug. 24	Sep. 6	Sep. 24	Oct. 3	Oct. 13	Aug. 5	Aug. 11	Aug. 17	Aug. 24	Aug. 31
1992	Aug. 29	Sep. 6	Sep. 13	Sep. 23	Sep. 30	Aug. 1	Aug. 5	Aug. 15	Aug. 20	Aug. 28
1989-93	Aug. 26	Sep. 1	Sep. 10	Sep. 22	Oct. 3	July 21	July 26	Aug. 2	Aug. 15	Aug. 22
RYE:										
1993	Aug. 27	Sep. 5	Sep. 18	Oct. 1	Oct. 9	Aug. 3	Aug. 11	Aug. 18	Aug. 25	Aug. 29
1992	Aug. 26	Sep. 6	Sep. 14	Sep. 25	Oct. 10	July 28	Aug. 2	Aug. 15	Aug. 20	Aug. 23
1989-93	Aug. 26	Sep. 1	Sep. 11	Sep. 21	Oct. 4	July 22	July 26	Aug. 3	Aug. 16	Aug. 23
SUGARBEETS:										
1993	Apr. 24	Apr. 28	May 2	May 7	May 12	Sep. 24	Oct. 6	Oct. 9	Oct. 13	Oct. 18
1992	May 1	May 4	May 8	May 13	May 20	Sep. 26	Oct. 4	Oct. 9	Oct. 13	Oct. 25
1989-93	Apr. 23	Apr. 27	May 4	May 11	May 15	Sep. 27	Oct. 5	Oct. 9	Oct. 14	Oct. 19

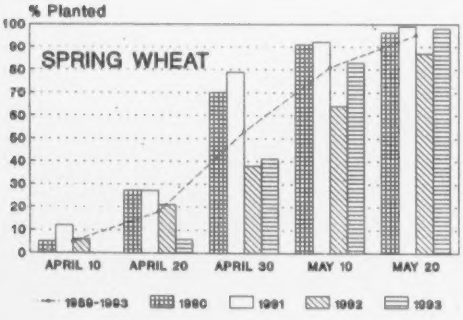
1/ First cutting.

PLANTING & HARVESTING PROGRESS OF MINNESOTA'S MAJOR CROPS

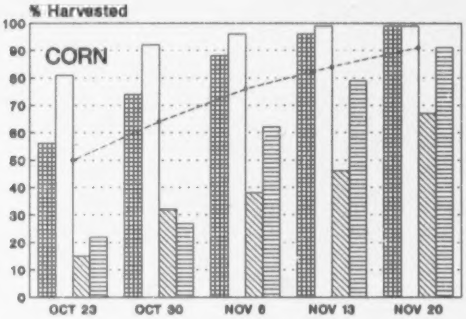
Planting Progress

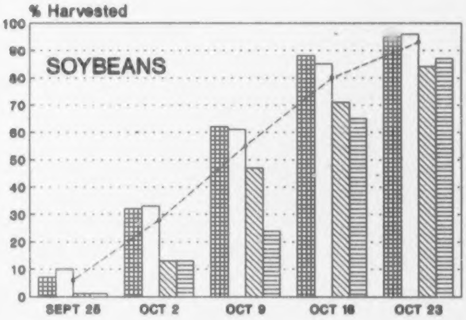


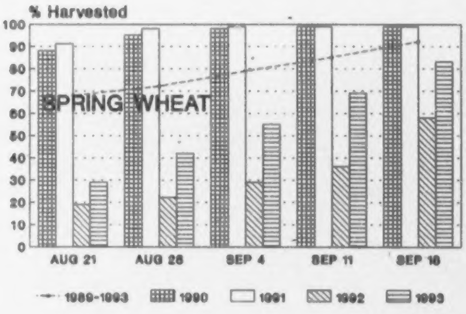




Harvesting Progress







MINNESOTA GRAIN AND HAY STOCKS

Year	-- On Farms --				-- All Storage Positions --			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.
	1,000 Bushels				1,000 Bushels			
CORN								
1989	465,000	350,000	190,000	600,000	618,858	451,960	282,634	786,771
1990	450,000	285,000	125,000	600,000	621,755	396,860	176,261	719,635
1991	450,000	285,000	110,000	550,000	582,305	398,991	213,119	729,340
1992	425,000	260,000	115,000	600,000	581,238	345,179	153,399	723,885
1993	450,000				578,448			
SOYBEANS								
1989	60,000	41,000	13,000	100,000	93,657	58,085	21,777	149,575
1990	80,000	50,000	16,000	110,000	119,185	76,588	29,815	173,625
1991	95,000	65,000	25,000	115,000	143,781	93,280	48,072	187,777
1992	96,000	55,000	24,000	115,000	153,561	88,542	40,737	175,718
1993	92,000				137,348			
ALL WHEAT								
1989	70,000	39,000	86,000	62,000	114,633	69,223	138,148	105,709
1990	38,000	15,000	107,000	85,000	76,299	36,063	153,554	129,025
1991	65,000	45,000	75,000	57,000	108,788	81,571	122,660	92,119
1992	20,000	10,000	100,000	75,000	52,027	31,496	128,257	107,116
1993	33,000				66,207			
OATS								
1989		6,000				14,186		
1990	18,000	12,000	32,000	27,000	33,724	29,506	60,323	51,827
1991	21,000	14,000	19,000	17,000	47,675	42,553	50,769	48,442
1992	13,500	7,500	27,000	21,000	40,929	32,835	53,310	39,519
1993	16,000				32,680			
BARLEY								
1989	20,000	15,000	32,000	25,000	57,613	43,471	60,258	57,848
1990	15,000	6,000	37,000	28,000	53,838	41,127	69,488	58,475
1991	19,000	10,000	31,000	22,000	50,801	38,760	60,902	46,513
1992	14,000	5,000	35,000	28,000	41,773	29,901	67,362	57,330
1993	18,000				47,364			

ALL HAY

Year	May	Dec.
	1,000 Tons	
1989	626	4,800
1990	1,088	4,461
1991	1,312	5,339
1992	1,618	3,537
1993	1,114	3,881

OFF-FARM HAY STOCKS
NOT ESTIMATED

NOTE: All estimates are for the first of the month. Quarterly oat estimates were reinstated in March 1990.

MINNESOTA CROP MARKETINGS: PERCENT BY MONTHS

CORN

Crop Marketing Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1989-90	13	11	4	6	4	6	10	10	13	8	11	4
1990-91	8	6	3	6	4	4	9	8	10	13	15	14
1991-92	21	9	8	14	10	10	4	4	6	6	4	4
1992-93	7	16	15	9	7	8	6	5	6	6	7	8

SOYBEANS

Crop Marketing Year	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
1989-90	7	16	7	4	8	5	8	7	8	9	9	12
1990-91	5	16	3	4	6	3	3	9	12	14	13	12
1991-92	17	21	7	9	11	8	9	3	5	4	3	3
1992-93	6	22	9	7	8	5	7	6	9	10	7	4

ALL WHEAT

Crop Marketing Year	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
1989-90	9	21	7	6	9	12	11	5	5	5	6	4
1990-91	2	21	4	5	5	5	6	5	5	10	15	17
1991-92	8	17	9	7	9	12	14	9	7	3	2	3
1992-93	1	6	11	12	10	16	12	8	9	6	5	4

OATS

1989-90	26	16	6	4	5	4	7	4	6	7	7	8
1990-91	14	20	3	5	3	4	8	4	5	8	11	15
1991-92	24	13	8	3	6	5	5	10	9	6	4	7
1992-93	10	25	12	6	5	6	4	8	7	7	5	5

BARLEY

1989-90	9	15	12	10	13	13	10	5	3	2	3	5
1990-91	8	16	5	9	11	8	8	6	6	5	9	9
1991-92	13	14	6	7	10	7	8	8	10	6	4	7
1992-93	6	15	14	7	8	12	7	6	8	4	5	8

FLAX

1989-90	16	2	41	32	2	-	-	7	-	-	-	-
1990-91	1	27	34	10	2	4	1	2	9	7	2	1
1991-92	-	16	35	16	5	10	1	3	5	1	1	7
1992-93	11	11	7	28	11	11	7	2	3	7	-	2

ALL HAY

Crop Marketing Year	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
1989-90	8	5	7	4	6	9	10	12	12	13	9	5
1990-91	5	6	6	5	7	8	10	11	12	13	12	5
1991-92	11	12	7	6	6	5	8	7	8	15	9	6
1992-93	8	10	5	8	4	6	8	8	11	21	3	8

FLOWERS AND FOLIAGE PLANTS - 1993

The 1993 wholesale value of sales by commercial flower and foliage producers in Minnesota totaled $44,023,000 compared with $43,761,000 in 1992. A commercial operation is defined as one which had $10,000 or more in annual gross sales of cut flowers, flowering and foliage plants, bedding plants, or cultivated florist greens. Data for "Total Quantity Sold" in the table below represents only those growers with $100,000 or more in annual gross sales.

The wholesale value of cut flowers in 1993 totaled $7,307,000, up 3% from the previous year. The wholesale value of potted flowering plants was $10,864,000, up 6% from $10,253,000 in 1992. Sales of foliage plants for indoor and patio use totaled $964,000, down 27% from the previous year. Potted bedding and garden plant sales were down 1% to $24,888,000.

MINNESOTA FLOWERS, FOLIAGE PLANTS, AND BEDDING PLANTS, 1992-93

Item	Producers		Total Quantity Sold				
	1992	1993	Units	1992	1993	Intended 1994	1994 As Percent Of 1993
	Number			Thousands			Percent
Potted Flowering Plants:							
African Violets	15	13	Pots	255	245	24	99
Chrysanthemums	25	22	Pots	384	387	384	99
Finished Florist Azaleas	37	30	Pots	193	230	236	103
Easter Lilies	36	34	Pots	275	274	283	103
Other Lilies	10	15	Pots	14	16	20	125
Poinsettias	65	59	Pots	841	838	872	104
Other Flowering Plants	38	33	Pots	490	556	565	102
Bedding/Garden Plants:							
Hardy/Garden Chrysanthemums	53	52	Pots	411	455	451	99
Geraniums (Cuttings)	74	72	Pots	1760	2026	2063	102
Geraniums (Seed)	40	38	Pots	1594	1676	1676	100
Other Potted Flowering And Foliage Type	50	53	Pots	1513	1479	1333	90
Vegetable Type	45	42	Pots	520	498	468	94
Geraniums	18	19	Flats	97	53	54	102
Other Flowering And Foliage Type	78	70	Flats	1336	1286	1232	96
Vegetable Type	65	61	Flats	211	200	193	97
Foliage For Indoor Or Patio:							
Flowering Hanging Baskets	88	81	Baskets	631	626	617	99
Foliage Hanging Baskets	39	33	Baskets	91	90	89	99

CUT FLOWERS, 1992-93

Item	Producers		Area For Production			
	1992	1993	1992	1993	Intended 1994	1994 As Percent Of 1993
	Number		1,000 Square Feet			Percent
Cut Flowers:						
Chrysanthemums, Standard	5	4	7	7	7	100
Chrysanthemums, Pompon	7	5	17	13	13	100
Roses, Hybrid Tea	7	7	456	496	443	89
Roses, Sweetheart	5	6	46	62	56	90
Other Cut Flowers	18	17	482	438	438	100
Potted Foliage	25	19	174	129	125	97

Cultivated Wild Rice

(Information provided by the Minnesota Cultivated Wild Rice Council)

Wild rice is the only grain native to the United States. In 1977, the State Legislature designated wild rice as Minnesota's official State Grain.

The cultivated crop is grown in the northern one-third of the state on an estimated 20,000 acres in the counties of Aitkin, Beltrami, St. Louis, Itasca, Cass, Lake of the Woods, Koochiching, Clearwater, Polk, and Red Lake.

In 1993, cultivated wild rice production was 5.3 million processed pounds. This compares with 6.1 million pounds processed in 1992.

MINNESOTA'S OFFICIAL STATE GRAIN

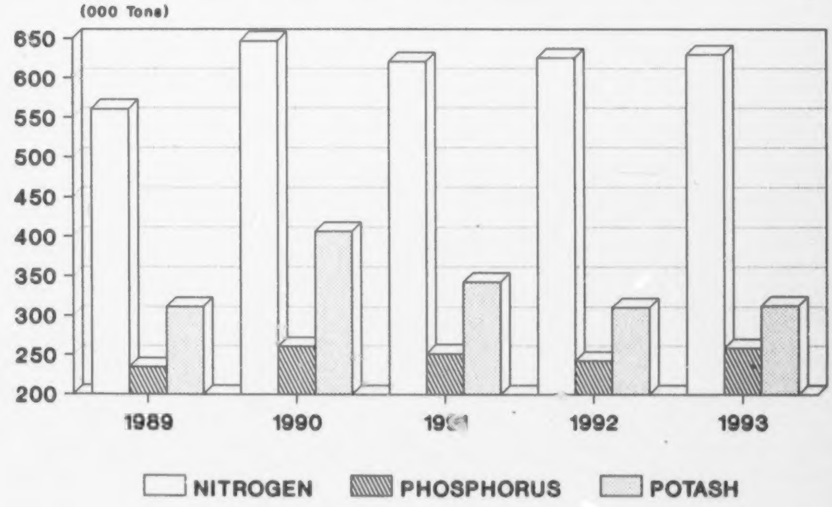
Fertilizer Use

Minnesota fertilizer consumption totaled 2.1 million tons for the year ending June 30, 1993, up 3% from the previous year. Minnesota was the 6th ranking state in total tonnage.

Usage of the primary nutrients is shown on the chart; nitrogen was up 1% from 1992, while phosphate usage (P205) increased 7% and potash (K20) use was up 1%.

Fertilizer consumption represents all commercial fertilizer sold or shipped for farm and non-farm use as fertilizer.

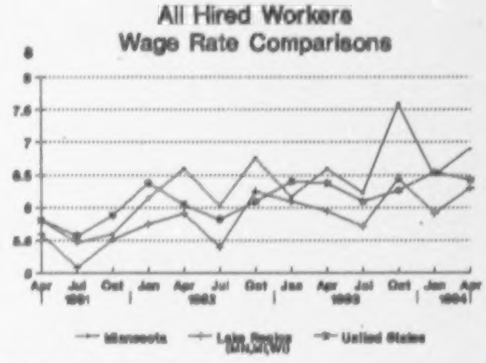
Minnesota's Use Of Primary Nutrients As Fertilizer



FARM LABOR

The purpose of the quarterly Agricultural Labor Survey is to provide regional and national estimates of the number of farm workers and hours worked as well as wage rates. The data are used to determine farm labor's effect on production costs, evaluate the impact of wage rate changes, establish assistance for farm workers, and to define the nation's need for farm labor.

Beginning in April 1991, state level estimates of all farm workers, the number of hired workers, their average hours worked during the survey week and average wage rates became available. The survey week for each quarter always include the twelfth day of the month.


All Hired Workers
Wage Rate Comparisons

$ per hour during survey week

Agricultural Workers, Wages & Hours Worked - Minnesota

Year, Month	Total Ag Workers	All Hired Workers	Wage Rate 1/ ($/hr.)	Hours Worked 2/ (per week)
1992				
January	91,000	14,000	6.14	34.5
April	107,000	18,000	6.59	32.3
July	138,000	31,000	6.03	31.0
October	137,000	25,000	6.76	44.8
1993				
January	94,000	10,000	6.16	42.6
April	119,000	14,000	6.59	37.4
July	146,000	25,000	6.22	32.1
October	134,000	24,000	7.59	42.5
1994				
January	93,000	10,000	6.50	38.0
April	130,000	16,000	6.90	35.4

1/ Wage rates for hired workers 2/ Average hours worked during the survey week by hired workers

Farm Workers & Wage Rates - Lake Region 1/

Year, Month	Farm Workers, type (thousands)				Wages, type of work ($ per hour)					
	Total Workers	Self Employed	All Unpaid	All Hired	All Hired	Field	Livestock	Field & Livestock	Supervisor	Other
1992										
January	257	156	53	48	5.75	5.60	4.76	5.04	9.33	7.83
April	296	168	67	61	5.92	6.19	5.16	5.52	10.14	7.32
July	350	181	86	83	5.40	5.31	4.61	4.97	8.30	5.96
October	356	180	87	89	6.25	6.26	4.88	5.82	9.68	7.09
1993										
January	273	165	63	45	6.09	6.76	5.32	5.83	7.67	7.08
April	289	171	64	54	5.95	6.74	5.12	5.62	8.57	6.28
July	386	206	94	86	5.71	5.90	4.66	5.30	10.18	7.45
October	334	176	81	77	6.45	6.52	5.04	5.92	10.47	7.08
1994										
January	237	146	50	41	5.92	6.34	5.17	5.41	11.01	8.96
April	300	171	67	62	6.29	6.27	5.46	5.84	9.42	7.98

1/ Lake Region = Minnesota, Michigan, Wisconsin

SECTION 3

LIVESTOCK, DAIRY, POULTRY

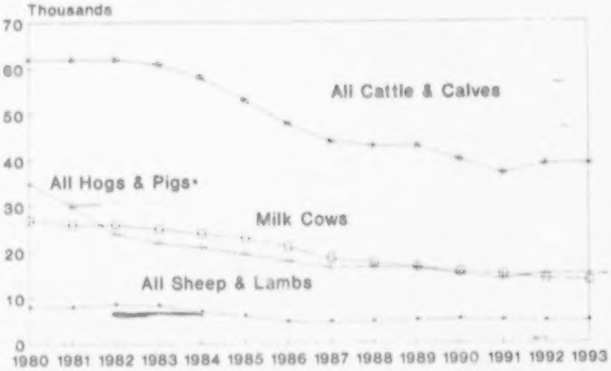
Livestock Summary

Cattle numbers on Minnesota farms on January 1, 1994 were 4% below a year earlier. Minnesota's 1993 calf crop at 980,000 was 6% below 1992. Meanwhile, sheep and lamb numbers were down 14% from January 1, 1993. The inventory of all hogs on December 1, 1993 was 2% below the previous year. Farrowings at 995,000 head in 1993 were down 2% from the previous year. A crop of 8,287,000 pigs was produced in the state during 1993, a decrease of 1% from 1992. The average yearly litter rate of 8.33 pigs was down from the record high of 8.35 in 1992. All chickens on farms were down 3% from a year ago.

The combined value of all livestock and poultry on Minnesota farms was over $2.3 billion. All cattle and calves, valued at $2.0 billion, were unchanged from a year ago. The value of hogs on hand on December 1, 1993 accounted for $345 million, up 6%; all sheep and lambs, $14.3 million, down 22%; and all chickens, $22.9 million, up 3%.

The number of cattle, beef cow, hog, and sheep operations held steady from 1992-1993. Milk cow operations, however, dropped 500.

MINNESOTA NUMBER OF LIVESTOCK OPERATIONS



•December 1 preceding year.

MINNESOTA NUMBER OF LIVESTOCK OPERATIONS 1/

	-- Number Of Operations With --				
Year	Cattle	Milk Cows	Beef Cows	Hogs	Sheep
1989	43,000	16,500	16,000	16,300	5,000
1990	40,000	15,500	15,000	15,000	5,200
1991	37,000	15,000	16,000	14,000	5,000
1992	39,000	14,000	16,000	15,000	4,800
1993	39,000	13,500	16,000	15,000	4,800

1/ An operation is any farm having one or more head of livestock on hand at any time during the year. Addition may exceed total farms in the state.

MINNESOTA AND U.S. LIVESTOCK, DAIRY, AND POULTRY PRODUCTION RECORDS

Item	Number	Record High Date
ALL CATTLE INVENTORIES:		Jan. 1,
Minnesota	4,518,000	1964 & 1965
United States	132,028,000	1975
BEEF COWS:		
Minnesota	751,000	1976
United States	45,712,000	1975
MILK COWS:		
Minnesota	1,893,000	1934
United States	27,770,000	1945
CATTLE ON FEED:		Jan. 1,
Minnesota	589,000	1970
CALVES BORN:		
Minnesota	1,867,000	1944
United States	50,873,000	1974
ALL HOGS BY QUARTERS:		
MARCH 1: 1/		
Minnesota	4,950,000	1980
JUNE 1: 2/		
Minnesota	5,928,000	1951
SEPTEMBER 1: 1/		
Minnesota	5,518,000	1955
DECEMBER 1: 1/		
Minnesota	5,100,000	1980
United States	83,741,000	1944
ANNUAL PIGS PER LITTER:		
Minnesota	8.35	1992
United States	8.10	1993

Item	Number	Record High Date
ANNUAL PIG CROP:		
Minnesota	8,937,000	1980
ANNUAL MILK PRODUCTION (Mil. Lbs.)		
Minnesota	11,155	1964
United States	151,647	1992
MILK PRODUCTION PER COW (Lbs.)		
Minnesota	14,977	1993
United States	15,554	1993
ALL SHEEP AND LAMBS:		Jan. 1,
Minnesota	1,496,000	1943
United States	56,213,000	1942
STOCK SHEEP:		Jan. 1,
Minnesota	1,201,000	1942 & 1943
United States	49,346,000	1942
LAMB CROP:		
Minnesota	1,015,000	1942
ALL CHICKENS:		Dec. 1,
Minnesota	31,742,000	1944
United States	582,197,000	1944
EGGS PER LAYER:		
Minnesota	260	1992
United States	253	1992
TURKEYS RAISED:		
Minnesota	46,300,000	1990
United States	288,980,000	1992

1/ March 1, September 1, and December 1 data available since 1954.

2/ June 1 estimates were started in 1950.

MINNESOTA - CATTLE OPERATIONS AND JANUARY 1 INVENTORY BY SIZE GROUPS, 1989 - 1993

YEAR	Operations Having:				Total Operations	Inventory on Operations Having:				Total Inventory
	1-49	50-99	100-499	500+		1-49	50-99	100-499	500+	
	Percent				Number	Percent				1,000 Head
1989	56.0	24.5	19.0	0.5	43,000	14.0	27.4	52.0	6.6	2,700
1990	50.0	28.0	21.5	0.5	40,000	14.0	29.0	50.0	7.0	2,600
1991	54.0	23.0	22.5	0.5	37,000	17.0	24.0	52.5	6.5	2,760
1992	45.1	31.0	23.1	0.8	39,000	13.0	29.0	49.0	9.0	2,800
1993	45.1	30.0	24.1	0.8	39,000	13.0	27.0	51.0	9.0	2,850

MINNESOTA - BEEF COW OPERATIONS AND JANUARY 1 INVENTORY BY SIZE GROUPS, 1989 - 1993

YEAR	Operations Having:			Total Operations	Inventory on Operations Having:			Total Inventory
	1-49	50-99	100+		1-49	50-99	100+	
	Percent			Number	Percent			1,000 Head
1989	88.7	9.1	2.2	16,000	59.0	26.0	15.0	315
1990	87.0	10.0	3.0	15,000	55.0	27.0	18.0	350
1991	87.0	10.5	2.5	16,000	56.0	29.0	15.0	375
1992	84.4	12.5	3.1	16,000	50.0	31.0	19.0	375
1993	84.4	12.5	3.1	16,000	49.0	32.0	19.0	410

MINNESOTA - MILK COW OPERATIONS AND JANUARY 1 INVENTORY BY SIZE GROUPS, 1989 - 1993

YEAR	Operations Having:				Total Operations	Inventory on Operations Having:				Total Inventory
	1-29	30-49	50-99	100+		1-29	30-49	50-99	100+	
	Percent				Number	Percent				1,000 Head
1989	26.1	41.8	27.9	4.2	16,500	10.3	36.6	39.7	13.4	770
1990	25.2	41.3	29.0	4.5	15,500	10.0	35.9	40.0	14.1	715
1991	25.3	40.0	30.0	4.7	15,000	9.9	35.3	40.7	14.1	690
1992	25.0	39.3	30.0	5.7	14,000	9.5	32.9	40.9	16.7	675
1993	24.5	40.0	29.6	5.9	13,500	9.6	32.9	40.9	16.6	660

HOG OPERATIONS AND DECEMBER 1 INVENTORY BY SIZE GROUPS, 1989 - 1993

YEAR	Operations Having:				Total Operations	Inventory on Operations Having:				Total Inventory
	1-99	100-499	500-999	1000+		1-99	100-499	500-999	1000+	
	Percent				Number	Percent				1,000 Head
1989	42.0	41.0	11.5	5.5	16,300	4.5	34.0	28.5	33.0	4,450
1990	40.0	40.0	14.0	6.0	15,000	4.0	30.0	31.0	35.0	4,500
1991	40.0	40.0	13.0	7.0	14,000	4.5	29.5	29.0	37.0	4,900
1992	45.3	36.0	11.4	7.3	15,000	5.0	29.0	24.0	42.0	4,700
1993	46.0	34.7	12.7	6.6	15,000	5.0	24.0	26.0	45.0	4,600

MINNESOTA LIVESTOCK AND POULTRY - INVENTORY AND INVENTORY VALUE

Class	Number on Farms			Value Per Head			Total Inventory Value		
	1992	1993	1994	1992	1993	1994	1992	1993	1994
	1,000 Head			Dollars			1,000 Dollars		
All Cattle & Calves, Jan. 1	2,800	2,850	2,750	655.00	695.00	720.00	1,834,000	1,980,750	1,980,000
Total Cows That Have Calved	1,050	1,070	1,020						
Beef Cows	375	410	385						
Milk Cows	675	660	635						
Total Heifers 500 Lbs. +	605	650	625						
Beef Replacement	70	85	80						
Milk Replacement	315	325	315						
Other	220	240	230						
Steers 500 Lbs. +	485	500	495						
Bulls 500 Lbs. +	35	35	35						
Calves Under 500 Lbs.	625	595	575						
Cattle & Calves On Feed, Jan. 1	310	330	330						
Calf Crop	1,040	980	---						
All Hogs & Pigs, Dec. 1 1/	4,900	4,700	4,600	67.00	69.00	75.00	328,300	324,300	345,000
Pig Crop	8,389	8,287	---						
All Sheep & Lambs, Jan. 1	293	245	210	57.00	75.00	68.00	16,701	18,375	14,280
Stock Sheep	210	185	160						
Ewes 1 Year +	170	145	130						
Ewe Lambs	26	27	19						
Wethers & Rams, 1 Year +	9	8	8						
Wether & Ram Lambs	5	5	3						
Sheep & Lambs On Feed	83	60	50						
Lamb Crop	210	190	---						
All Chickens, Dec. 1 1/	14,400	13,900	13,460	1.30	1.60	1.70	18,720	22,240	22,882
Hens & Pullets Of Laying Age	11,200	11,150	10,345						
Pullets 3 Months Old +, Not of Laying Age	1,800	1,100	945						
Pullets Under 3 Months	1,350	1,600	2,120						
Other Chickens	50	50	50						
TOTAL							2,197,721	2,345,665	2,362,162

1/ December 1 preceding year.

MINNESOTA CATTLE AND CALVES INVENTORY, SUPPLY AND DISPOSITION

Year	All Cattle and Calves 1/	Calf Crop	Inshipments	Marketings 2/		Farm 3/ Slaughter	Deaths	
				Cattle	Calves		Cattle	Calves
				1,000 Head				
1989	2,700	1,075	420	1,275	142	8	45	125
1990	2,600	1,040	470	1,060	116	9	40	125
1991	2,760	1,030	500	1,140	179	6	45	120
1992	2,800	1,040	520	1,152	160	8	55	135
1993	2,850	980	530	1,275	152	8	50	125
1994	2,750	--	--	---	--	-	--	--

1/ All cattle and calves inventory numbers refer to January 1.

2/ Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state.

3/ Excludes custom slaughter for farmers at commercial establishments.

MINNESOTA CATTLE AND CALVES PRODUCTION AND INCOME

Year	Production 1/	Marketings 2/	Average Price Per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income
			Cattle	Calves				
	1,000 Pounds		Dollars		1,000 Dollars			
1989	1,233,290	1,548,030	65.40	91.10	812,236	1,021,527	17,084	1,038,611
1990	1,115,135	1,289,400	70.30	100.00	797,850	913,695	18,973	932,668
1991	1,154,650	1,443,030	66.90	102.00	788,540	977,560	15,823	993,383
1992	1,205,790	1,455,520	66.10	92.90	804,583	971,661	18,848	990,509
1993	1,218,320	1,626,170	66.20	97.10	816,159	1,087,491	16,136	1,103,627

1/ Adjustments made for changes in inventory and for inshipments

2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

3/ Receipts from marketings and sale of farm slaughter.

MINNESOTA CATTLE AND CALVES ON FEED BY QUARTERS

Year & Quarter	Total Number	Classes			Weight Groups 1/				
		Steers And Steer Calves	Heifers And Heifer Calves	Other	Under 500 Lbs.	500-699 Lbs.	700-899 Lbs.	900-1099 Lbs.	1,100 Lbs. & Over
				1,000 Head					
1990: January 1	300	213	84	3	17	87	85	68	40
April 1	330	220	109	1	12	55	133	96	33
July 1	290	205	84	1	11	30	84	112	52
October 1	230	166	63	1	13	30	64	78	44
1991: January 1	340	235	102	3	26	124	86	63	38
April 1	340	235	104	1	17	59	131	95	37
July 1	290	210	79	1	17	32	79	111	50
October 1	225	165	58	2	13	25	53	81	51
1992: January 1	310	227	80	3	35	97	78	60	37
April 1	320	235	83	2	28	76	100	76	38
July 1	285	198	85	2	17	38	73	97	58
October 1	230	170	58	2	17	29	51	80	51
1993: January 1	330	240	87	3	33	115	91	51	37
April 1	325	240	83	2	28	71	96	98	30
July 1	290	215	73	2	17	36	75	107	53
October 1	225	165	58	2	20	29	49	66	59
1994: January 1	330	240	87	3					
April 1	335	250	83	2					

1/ "Other" class not included in "Weight Groups". Weight Groups discontinued in 1994.

ALL CATTLE, CATTLE ON FEED, ALL STOCK SHEEP: JANUARY 1 INVENTORY BY DISTRICTS AND COUNTIES, MINNESOTA, 1993-94

District And County	All Cattle And Calves 1993	All Cattle And Calves 1994	Cattle And Calves On Feed 1993	Cattle And Calves On Feed 1994	All Stock Sheep And Lambs 1993	All Stock Sheep And Lambs 1994
			-Number-			
Becker	38,900	35,700	1,400	1,300	3,000	2,500
Clay	24,700	24,100	2,700	2,700	1,200	900
Clearwater	23,800	22,100	700	600	1,700	1,300
Kittson	12,200	12,300	1,100	1,200	1,600	1,200
Mahnomen	12,000	12,000	700	600	700	600
Marshall	15,900	15,900	1,000	900	3,900	3,500
Norman	12,400	12,200	800	800	400	500
Pennington	12,700	11,300	1,000	1,000	1,000	1,000
Polk	34,200	33,600	4,500	4,700	2,500	2,300
Red Lake	15,500	14,800	800	800	700	700
Roseau	29,700	29,500	1,200	1,100	3,700	3,100
Northwest	232,000	223,500	15,900	15,700	20,400	17,600
Beltrami	24,800	23,000	300	300	1,800	1,500
Cass	23,900	23,000	600	500	1,800	1,700
Hubbard	10,800	10,100	300	200	1,700	1,700
Itasca	12,900	12,400	600	700	700	600
Koochiching	6,500	5,800	100	100	800	600
Lake of the Woods	4,900	5,200	100	100	200	200
North Central	83,800	79,500	2,000	1,900	7,000	6,300
Cook	300	200	--	--	--	--
Lake	400	300	100	100	100	100
St Louis	14,100	12,000	200	200	1,000	900
Northeast	14,800	12,500	300	300	1,100	1,000
Big Stone	13,400	13,000	1,100	1,100	1,400	900
Chippewa	9,500	9,500	1,000	1,100	2,000	1,800
Douglas	39,100	39,800	2,900	2,800	2,100	1,900
Grant	13,900	13,200	2,500	2,500	1,200	1,600
Lac Qui Parle	28,600	28,100	5,800	5,700	2,100	1,800
Otter Tail	129,900	130,000	4,200	4,600	8,100	7,000
Pope	36,700	35,400	2,200	2,500	2,000	1,800
Stevens	32,300	32,000	13,900	14,000	1,800	1,600
Swift	22,700	22,900	4,500	5,300	1,400	1,100
Traverse	12,400	12,500	2,900	2,800	1,800	1,500
Wilkin	5,300	6,500	500	500	300	300
Yellow Medicine	28,200	31,100	5,000	5,300	2,400	1,900
West Central	372,000	374,000	46,500	48,200	26,600	23,200
Benton	38,100	35,200	1,500	1,600	500	500
Carver	44,500	39,800	2,500	2,600	700	600
Kandiyohi	35,400	35,200	4,700	5,000	2,900	2,300
McLeod	41,500	39,600	4,800	4,700	900	700
Meeker	35,000	34,800	3,100	3,300	1,400	1,300
Morrison	83,400	81,100	2,600	2,500	1,700	1,300
Renville	29,600	29,500	10,300	10,900	2,900	2,300
Scott	34,700	30,700	5,400	5,200	600	600
Sherburne	14,600	13,200	2,000	2,000	700	600
Sibley	40,200	37,800	5,500	5,400	2,600	2,200
Stearns	168,800	166,000	11,000	11,100	2,000	1,700
Todd	74,200	71,000	1,600	1,600	3,700	3,300
Wadena	26,700	23,800	800	800	1,500	1,300
Wright	52,800	50,300	4,200	4,300	1,800	1,600
Central	719,500	688,000	60,000	61,000	23,900	20,300

ALL CATTLE, CATTLE ON FEED, ALL STOCK SHEEP: JANUARY 1 INVENTORY BY DISTRICTS AND COUNTIES, MINNESOTA, 1993-94 (CONT'D)

District And County	All Cattle And Calves 1993	All Cattle And Calves 1994	Cattle And Calves On Feed 1993	Cattle And Calves On Feed 1994	All Stock Sheep And Lambs 1993	All Stock Sheep And Lambs 1994
			-Number-			
Aitkin	15,200	13,400	300	300	1,000	800
Anoka	5,300	4,800	400	300	500	400
Carlton	13,600	12,700	200	200	600	500
Chisago	20,300	19,900	800	800	800	600
Crow Wing	16,000	14,000	400	400	800	700
Hennepin	15,400	15,000	1,200	1,200	1,500	1,200
Isanti	11,100	10,400	700	700	1,600	1,300
Kanabec	30,100	27,800	1,100	1,000	1,500	1,200
Mille Lacs	28,600	27,000	900	900	900	800
Pine	41,100	39,800	900	900	2,000	1,700
Ramsey	400	700	100	100	200	200
Washington	14,300	14,500	1,500	1,400	1,700	1,500
East Central	211,400	200,000	8,500	8,200	13,100	10,900
Cottonwood	38,700	37,100	14,100	14,100	3,400	3,000
Jackson	28,600	28,500	9,000	9,000	4,700	4,200
Lincoln	35,400	35,000	6,000	6,000	6,100	6,000
Lyon	43,600	42,400	11,400	11,500	5,800	4,900
Murray	49,700	46,200	11,400	10,600	6,500	6,100
Nobles	54,400	54,500	15,200	15,900	5,400	4,800
Pipestone	41,400	38,000	3,800	3,700	6,800	5,700
Redwood	41,900	41,800	12,700	12,700	2,800	2,500
Rock	54,300	55,500	14,100	14,000	3,300	3,300
Southwest	388,000	379,000	97,700	97,500	44,800	40,500
Blue Earth	25,300	25,400	8,700	8,700	2,100	1,700
Brown	43,200	44,100	7,500	7,400	2,500	2,100
Faribault	19,200	18,600	4,600	4,500	3,000	2,400
Freeborn	19,900	20,500	3,100	3,200	3,400	2,900
LeSueur	29,600	28,900	5,400	5,700	1,900	1,700
Martin	28,300	28,000	7,900	7,800	3,200	2,500
Nicollet	23,500	23,400	3,900	3,800	1,300	1,000
Rice	35,500	34,600	3,100	3,000	1,500	1,300
Steele	21,900	21,100	2,300	2,200	1,200	1,000
Waseca	15,500	15,300	1,600	1,600	2,900	2,500
Watonwan	17,400	18,600	5,000	4,800	1,900	1,600
South Central	279,300	278,500	53,100	52,700	24,900	20,700
Dakota	34,900	32,300	9,000	8,600	1,500	1,400
Dodge	28,900	29,200	2,600	2,600	1,400	1,100
Fillmore	88,800	85,000	5,800	5,700	4,500	3,700
Goodhue	81,400	7[illegible],200	5,400	5,500	4,300	3,600
Houston	71,700	65,000	5,900	5,600	1,000	800
Mower	27,800	27,800	3,600	3,400	3,000	2,500
Olmsted	63,800	58,200	5,500	5,000	3,600	3,300
Wabasha	67,600	68,000	4,200	4,400	2,600	2,100
Winona	84,300	74,300	4,000	3,700	1,300	1,000
Southeast	549,200	515,000	46,000	44,500	23,200	19,500
Minnesota	2,850,000	2,750,000	330,000	330,000	185,000	160,000

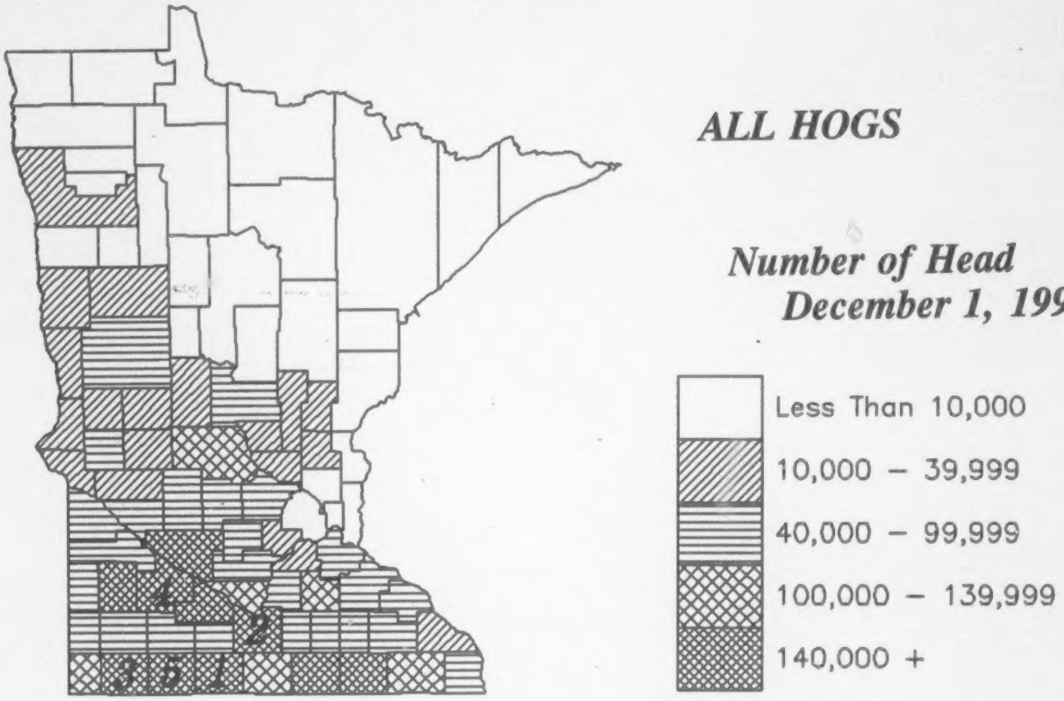
BEEF COWS, MILK COWS: JANUARY 1 INVENTORY, BY DISTRICTS AND COUNTIES, MINNESOTA, 1993-94

District And County	Beef Cows		Milk Cows	
	1993	1994	1993	1994
	-Number-			
Becker	6,800	6,300	11,300	10,900
Clay	5,400	5,100	3,900	3,900
Clearwater	9,900	9,300	3,000	2,700
Kittson	5,900	5,400	400	400
Mahnomen	4,000	4,000	2,300	2,300
Marshall	5,500	5,200	1,800	1,700
Norman	3,100	2,900	2,200	2,100
Pennington	3,700	3,600	2,100	1,800
Polk	9,400	9,100	4,700	4,500
Red Lake	5,000	4,600	2,400	2,400
Roseau	10,600	10,000	4,400	4,100
Northwest	69,300	65,500	38,500	36,800
Beltrami	10,600	10,300	3,300	2,800
Cass	10,300	9,700	3,400	3,200
Hubbard	4,500	4,500	1,200	1,100
Itasca	6,400	5,900	900	800
Koochiching	3,300	3,000	400	400
Lake of the Woods	2,600	2,400	400	300
North Central	37,700	35,800	9,600	8,600
Cook	100	100	--	--
Lake	200	200	--	--
St Louis	4,500	4,100	2,600	2,500
Northeast	4,800	4,400	2,600	2,500
Big Stone	3,100	3,200	2,000	2,000
Chippewa	1,900	1,900	1,400	1,300
Douglas	3,500	3,300	13,700	13,500
Grant	1,600	1,600	1,900	1,700
Lac Qui Parle	4,300	3,800	1,900	1,700
Otter Tail	15,100	14,300	38,900	37,400
Pope	5,100	4,700	10,100	9,400
Stevens	3,100	2,800	1,000	900
Swift	3,500	3,200	3,000	2,900
Traverse	1,800	1,700	600	500
Wilkin	1,400	1,400	900	900
Yellow Medicine	5,100	4,800	2,500	2,300
West Central	49,500	46,700	77,900	74,500
Benton	3,300	3,200	14,600	14,100
Carver	2,300	2,000	17,600	16,600
Kandiyohi	2,900	2,800	10,400	10,300
McLeod	2,100	2,000	14,500	13,700
Meeker	3,300	3,100	10,400	9,800
Morrison	9,300	8,300	29,800	29,600
Renville	1,600	1,600	3,800	3,600
Scott	2,200	2,000	8,500	8,500
Sherburne	2,200	2,000	2,500	2,400
Sibley	1,900	1,900	11,500	11,200
Stearns	6,800	6,600	67,900	67,700
Todd	7,900	7,300	29,400	28,400
Wadena	5,000	4,800	7,100	6,900
Wright	4,500	4,400	19,500	18,500
Central	55,300	52,000	247,500	241,300

BEEF COWS, MILK COWS: JANUARY 1 INVENTORY, BY DISTRICTS AND COUNTIES, MINNESOTA, 1993-94 (CONT'D)

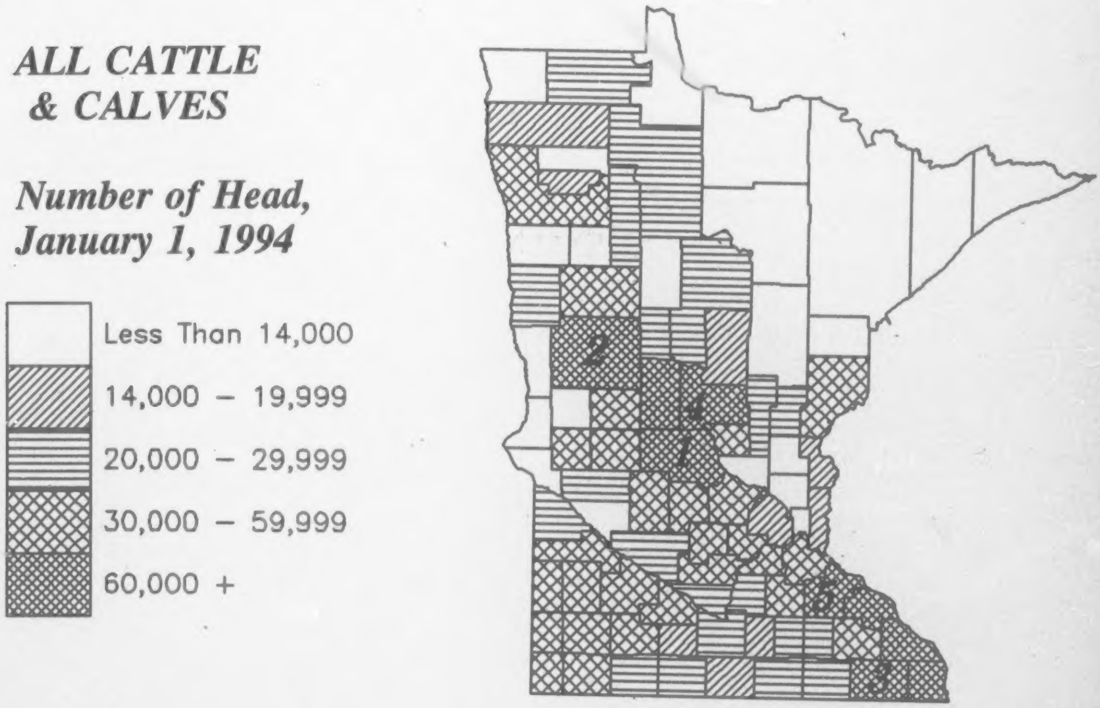
District And County	Beef Cows		Milk Cows	
	1993	1994	1993	1994
		-Number-		
Aitkin	5,700	5,400	2,400	2,300
Anoka	1,400	1,300	800	700
Carlton	3,200	3,000	3,400	3,100
Chisago	3,400	3,400	5,000	4,600
Crow Wing	5,500	4,900	2,800	2,700
Hennepin	2,200	2,200	4,800	4,600
Isanti	1,800	1,800	3,100	2,600
Kanabec	7,500	7,400	5,500	4,800
Mille Lacs	2,800	2,600	9,300	8,600
Pine	8,600	8,600	11,000	10,900
Ramsey	200	200	100	100
Washington	3,800	3,800	2,200	2,100
East Central	46,100	44,600	50,400	47,100
Cottonwood	3,800	3,500	2,400	2,000
Jackson	3,300	3,100	1,400	1,200
Lincoln	5,900	5,500	4,600	4,500
Lyon	6,200	5,700	2,900	2,800
Murray	4,400	3,900	4,600	4,400
Nobles	5,200	4,600	4,500	4,300
Pipestone	7,100	6,800	5,700	5,400
Redwood	4,900	4,800	3,600	3,500
Rock	6,500	6,000	3,700	3,300
Southwest	47,300	43,900	33,400	31,400
Blue Earth	2,000	1,900	2,300	2,200
Brown	3,000	2,900	9,300	9,100
Faribault	1,900	1,600	2,600	2,400
Freeborn	1,900	1,900	4,400	4,100
LeSueur	4,100	3,700	5,300	5,000
Martin	2,300	2,100	2,100	2,000
Nicollet	1,300	1,200	6,500	6,000
Rice	2,400	2,200	12,900	12,500
Steele	1,200	1,200	8,000	7,400
Waseca	1,800	1,800	4,200	4,000
Watonwan	1,300	1,300	1,300	1,100
South Central	23,200	21,800	58,900	55,800
Dakota	2,100	1,800	6,000	5,600
Dodge	1,500	1,400	8,100	7,900
Fillmore	21,400	20,200	18,500	18,000
Goodhue	7,400	6,700	27,000	26,300
Houston	12,200	11,200	13,900	13,000
Mower	3,000	2,800	6,400	6,300
Olmsted	10,900	9,600	14,300	14,000
Wabasha	9,500	8,900	20,200	20,100
Winona	8,800	7,700	26,800	25,800
Southeast	76,800	70,300	141,200	137,000
Minnesota	410,000	385,000	660,000	635,000

GEOGRAPHIC DISTRIBUTION


4
2
3
5
1
Less Than 10,000
10,000 – 39,999
40,000 – 99,999
100,000 – 139,999
140,000 +

ALL HOGS

Number of Head
December 1, 1993


2
4
1
5
3
Less Than 14,000
14,000 – 19,999
20,000 – 29,999
30,000 – 59,999
60,000 +

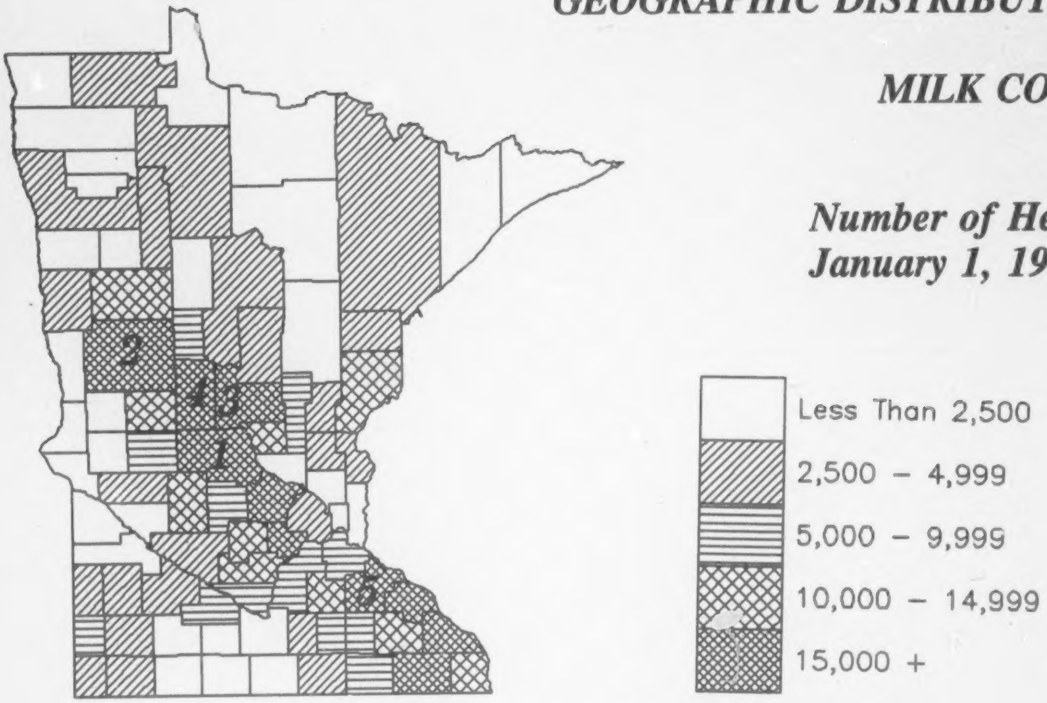
ALL CATTLE & CALVES

Number of Head,
January 1, 1994

GEOGRAPHIC DISTRIBUTION

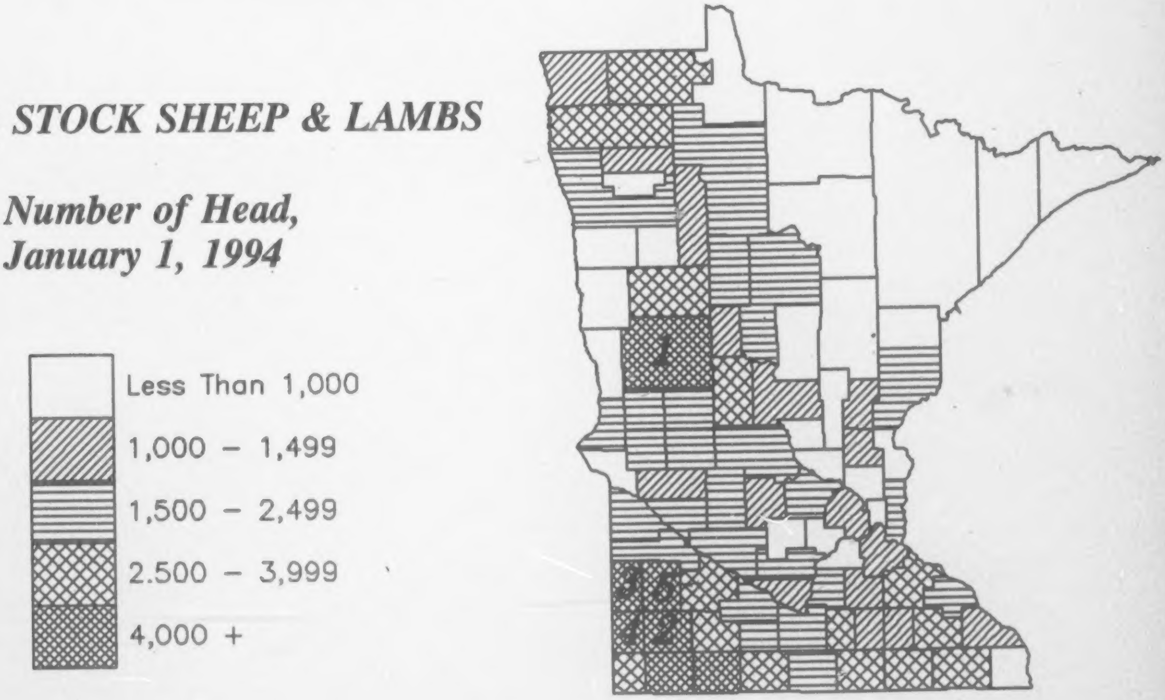
MILK COWS

Number of Head, January 1, 1994


2
4
3
1
5
Less Than 2,500
2,500 - 4,999
5,000 - 9,999
10,000 - 14,999
15,000 +

ALL STOCK SHEEP & LAMBS

Number of Head, January 1, 1994


1
3
5
4
2
Less Than 1,000
1,000 - 1,499
1,500 - 2,499
2.500 - 3,999
4,000 +

MINNESOTA SOWS FARROWED, PIG CROP, AND DISPOSITION

Year	Spring Sows Farrowed	Spring Pig Crop	Fall Sows Farrowed	Fall Pig Crop	Annual Total Farrowings 1/	Annual Total Pig Crop	Inshipments	Marketings 2/	Farm 3/ Slaughter	Deaths	All Hogs On Farms Dec. 1
	1,000 Head		1,000 Head		1,000 Head			1,000 Head			
1989	505	4,071	490	3,871	995	7,942	227	8,008	16	385	4,450
1990	490	4,018	475	3,845	965	7,863	262	7,689	11	375	4,500
1991	500	4,091	515	4,235	1,015	8,326	275	7,847	9	345	4,900
1992	525	4,333	480	4,056	1,005	8,389	330	8,557	7	355	4,700
1993	515	4,299	480	3,988	995	8,287	370	8,370	7	380	4,600

1/ Includes sows that have farrowed more than one time.

2/ Excludes interfarm sales.

3/ Excludes customer slaughter for farms at commercial establishments.

MINNESOTA HOGS AND PIGS BY QUARTERS

Year and Quarter	All Hogs and Pigs	For Breeding Purposes	Market Hogs and Pigs: Under 60 Lbs.	Market Hogs and Pigs: 60-119 Lbs.	Market Hogs and Pigs: 120-179 Lbs.	Market Hogs and Pigs: 180 Lbs. and Over
	1,000 Head	1,000 Head		1,000 Head		
1989:						
March	4,420	565	1,550	920	760	625
June	4,670	590	1,660	1,030	790	600
September	4,950	590	1,795	1,050	825	690
December	4,450	570	1,420	1,000	800	660
1990:						
March	4,250	550	1,460	890	720	630
June	4,650	600	1,720	990	760	580
September	4,800	580	1,730	1,020	820	650
December	4,500	560	1,480	1,020	810	630
1991:						
March	4,350	560	1,520	880	750	640
June	4,700	620	1,690	1,050	760	580
September	5,050	620	1,870	1,080	820	660
December	4,900	590	1,630	1,100	860	720
1992:						
March	4,700	565	1,650	1,010	780	695
June	4,950	600	1,780	1,120	830	620
September	4,900	570	1,690	1,110	840	690
December	4,700	580	1,560	1,030	840	690
1993: March	4,700	550	1,670	1,030	770	680
June	4,950	610	1,700	1,100	840	700
September	4,950	610	1,750	1,110	790	690
December	4,600	570	1,450	1,020	830	730
1994: March	4,700	560	1,690	990	760	700

MINNESOTA HOGS AND PIGS PRODUCTION AND INCOME

Year	Production 1/	Marketings 2/	Average Price Per 100 Lbs	Value of Production 3/	Cash Receipts 4/	Value of Home Consumption	Gross Income
	1,000 Pounds		Dollars	1,000 Dollars			
1989	1,786,655	1,824,077	43.60	780,003	801,362	5,645	807,007
1990	1,714,484	1,734,025	55.20	947,843	967,161	4,934	972,095
1991	1,810,767	1,777,879	50.50	915,261	906,539	4,019	910,558
1992	1,940,749	1,987,211	42.80	827,166	856,057	2,610	858,667
1993	1,904,885	1,930,395	46.60	885,626	908,240	3,132	911,372

1/ Adjustments made for changes in inventory and for inshipments.
2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the state.
3/ Includes allowance for higher average price of state inshipments and outshipments of feeder pigs.
4/ Receipts from marketings and sale of farm slaughter. Includes allowance for higher price of state outshipments of feeder pigs.

MINNESOTA MINK PRODUCTION

Year	Number of Mink Farms	Pelts Produced	Females Bred 1/
1989	119	545,900	98,500
1990	93	373,200	94,600
1991	89	352,300	85,600
1992	72	332,900	80,300
1993 2/			

1/ Females bred to produce kits the following year.
2/ 1993 mink data will be available July 21, 1994.

Photo Courtesy of American Fur Magazine.

MINNESOTA BEE AND HONEY

Year	Number Of Colonies	Yield Per Colony	Production	Stocks Dec. 15 1/	Average Price Per Pound	Value Of Production
	1,000	Pounds	1,000 Lbs.	1,000 Lbs.	Cents	1,000 Dols.
1989	165	92	15,180	3,492	45	6,831
1990	170	74	12,580	1,384	49	6,164
1991	180	91	16,380	2,457	54	8,845
1992	190	90	17,100	3,591	54	9,234
1993	180	80	14,400	2,160	53	7,632

1/ Does not include stocks under loan.

MINNESOTA HOGS AND PIGS, BY DISTRICTS AND COUNTIES

District And County	All Hogs Dec. 1		Annual Farrowings		Annual Pig Crop	
	1992	1993	1992	1993	1992	1993
			-Number-			
Becker	10,200	10,200	3,800	3,700	30,800	29,600
Clay	16,100	16,000	4,600	4,500	36,900	36,800
Clearwater	2,800	2,600	1,400	1,200	11,200	9,800
Kittson	3,500	3,500	800	900	7,000	7,300
Mahnomen	4,400	4,500	1,800	1,700	14,400	13,900
Marshall	3,200	3,200	1,400	1,300	11,200	10,600
Norman	9,700	9,500	2,600	2,600	20,500	21,300
Pennington	4,300	3,900	1,600	1,400	12,600	11,500
Polk	11,100	10,300	3,300	3,100	26,400	25,800
Red Lake	2,600	2,400	1,000	1,000	7,900	8,100
Roseau	4,600	4,500	1,500	1,500	11,900	12,100
Northwest	72,500	70,600	23,800	22,900	190,800	186,800
Beltrami	4,200	4,200	1,500	1,600	11,700	12,500
Cass	10,900	9,300	2,800	3,000	21,600	23,600
Hubbard	8,200	7,100	2,500	2,200	19,300	16,800
Itasca	2,400	2,200	1,100	1,300	8,400	9,900
Koochiching	600	700	300	400	2,300	3,100
Lake of the Woods	900	900	300	400	2,300	3,100
North Central	27,200	24,400	8,500	8,900	65,600	69,000
St Louis	1,600	1,600	400	400	3,200	3,200
Northeast	1,600	1,600	400	400	3,200	3,200
Big Stone	37,900	35,500	8,400	7,700	69,200	63,500
Chippewa	51,900	48,300	11,900	10,800	98,000	89,100
Douglas	23,200	22,100	7,300	7,000	60,100	57,700
Grant	24,500	23,800	5,600	5,200	47,200	43,900
Lac Qui Parle	64,500	66,100	13,600	14,000	113,400	116,800
Otter Tail	51,000	50,300	16,100	16,000	131,000	130,000
Pope	27,500	28,300	6,500	7,000	54,400	58,500
Stevens	74,000	70,000	16,200	15,400	136,600	132,000
Swift	37,100	35,300	9,100	8,800	76,800	74,300
Traverse	26,300	24,100	5,100	4,700	43,000	39,700
Wilkin	11,700	11,700	3,100	3,000	25,800	25,000
Yellow Medicine	72,600	72,400	13,400	13,100	111,700	110,800
West Central	502,200	487,900	116,300	112,700	967,200	941,300
Benton	28,300	27,800	9,200	8,800	74,700	73,100
Carver	28,900	27,800	6,100	6,700	52,200	56,400
Kandiyohi	86,900	87,700	19,900	19,100	167,600	160,800
McLeod	39,700	42,300	9,700	9,900	80,800	82,200
Meeker	69,700	62,200	16,900	16,200	142,400	136,000
Morrison	41,100	42,900	13,900	15,100	117,900	125,300
Renville	141,300	143,700	27,900	28,500	232,200	237,000
Scott	19,400	18,700	3,900	3,900	32,900	32,900
Sherburne	19,900	17,200	4,000	3,700	32,100	30,400
Sibley	92,000	91,500	18,900	18,800	155,400	158,600
Stearns	118,100	112,700	32,400	32,000	269,700	266,200
Todd	33,300	31,700	10,300	10,900	82,600	90,900
Wadena	8,100	8,500	3,500	3,600	28,100	29,200
Wright	42,900	42,300	12,200	12,000	101,600	99,700
Central	769,600	757,000	188,800	189,200	1,570,200	1,578,700

MINNESOTA HOGS AND PIGS, BY DISTRICTS AND COUNTIES (CONT'D)

District And County	All Hogs Dec. 1		Annual Farrowings		Annual Pig Crop	
	1992	1993	1992	1993	1992	1993
			-Number-			
Aitkin	800	800	300	300	2,400	2,400
Anoka	7,000	6,900	1,300	1,300	10,400	9,900
Carlton	600	800	200	300	1,600	2,300
Chisago	11,400	9,000	2,500	2,400	19,000	19,300
Crow Wing	6,300	6,400	1,800	2,000	13,600	15,300
Hennepin	7,100	7,300	2,000	2,300	15,900	18,200
Isanti	10,300	11,200	2,600	2,700	20,900	21,000
Kanabec	13,800	13,700	3,600	3,600	28,900	28,900
Mille Lacs	12,700	12,800	4,800	4,300	39,500	35,400
Pine	6,900	7,600	2,000	2,300	15,900	17,900
Ramsey	300	400	100	100	800	800
Washington	6,000	5,500	1,200	1,200	9,900	9,600
East Central	83,200	82,400	22,400	22,800	178,800	181,000
Cottonwood	92,500	91,400	16,700	16,000	139,000	133,700
Jackson	169,500	162,200	33,000	31,100	281,200	258,700
Lincoln	55,900	56,100	10,500	11,100	89,500	92,300
Lyon	140,800	147,200	28,500	31,500	237,200	259,000
Murray	103,500	99,200	21,800	21,500	181,400	181,700
Nobles	190,000	184,900	39,400	39,600	331,800	329,300
Pipestone	74,100	72,700	16,500	17,400	137,300	145,200
Redwood	152,900	171,200	29,200	31,100	248,800	262,600
Rock	135,700	135,600	26,400	28,300	222,300	238,900
Southwest	1,114,900	1,120,500	222,000	227,600	1,868,500	1,901,400
Blue Earth	206,000	195,500	36,100	33,400	307,800	288,200
Brown	141,300	141,600	24,800	25,400	209,000	213,800
Faribault	142,700	135,800	28,200	26,000	237,600	221,800
Freeborn	154,400	144,500	31,400	30,500	264,600	256,300
LeSueur	86,200	81,100	15,200	14,900	128,100	123,600
Martin	240,600	223,100	47,600	44,300	405,000	377,600
Nicollet	148,300	139,600	29,900	29,100	248,900	248,500
Rice	126,800	123,700	25,900	24,900	215,600	207,200
Steele	81,000	81,300	14,200	13,900	118,200	115,600
Waseca	74,700	72,800	15,500	15,600	129,000	129,800
Watonwan	82,800	79,200	15,800	15,700	131,500	130,500
South Central	1,484,800	1,418,200	284,600	273,700	2,395,300	2,312,900
Dakota	47,000	44,400	9,600	9,400	78,300	75,200
Dodge	65,800	60,600	14,000	13,100	117,100	107,200
Fillmore	136,100	130,600	30,200	28,700	249,500	231,700
Goodhue	72,300	76,000	15,900	16,300	133,000	135,200
Houston	53,800	53,000	11,000	11,500	93,100	92,900
Mower	137,800	141,700	26,000	26,200	214,800	212,300
Olmsted	49,100	47,800	12,200	11,800	103,200	97,700
Wabasha	42,700	43,900	10,700	11,200	87,600	89,100
Winona	39,400	39,400	8,600	8,600	72,800	71,400
Southeast	644,000	637,400	138,200	136,800	1,149,400	1,112,700
Minnesota	4,700,000	4,600,000	1,005,000	995,000	8,389,000	8,287,000

MINNESOTA SHEEP AND LAMBS INVENTORY, SUPPLY AND DISPOSITION

Year	All Sheep and Lambs 1/	Lamb Crop	Inshipments	Marketings 2/		Farm 3/ Slaughter	Deaths	
				Sheep	Lambs		Sheep	Lambs
				1,000 Head				
1989	290	225	56	20	227.5	1.5	12	25
1990	285	220	48	24	193.0	1.0	12	23
1991	300	225	52	35	209.0	1.0	11	28
1992	293	210	52	48	224.0	1.0	12	25
1993	245	190	47	37	202.0	1.0	10	22
1994	210	---	--	--	---	---	--	--

1/ Sheep and lamb inventory numbers refer to January 1.
2/ Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state.
3/ Excludes custom slaughter for farmers at commercial establishments.

MINNESOTA SHEEP AND LAMBS PRODUCTION AND INCOME

Year	Production 1/	Marketings 2/	Average Price Per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income
			Sheep	Lambs				
	1,000 Pounds		Dollars			1,000 Dollars		
1989	23,570	28,408	19.30	66.30	15,970	17,556	398	17,954
1990	23,867	25,129	19.80	53.70	11,620	12,388	215	12,603
1991	24,879	28,605	18.60	51.70	11,300	13,167	207	13,374
1992	24,595	33,610	24.90	60.00	13,820	17,723	180	17,903
1993	23,389	30,190	25.50	66.40	14,311	17,928	199	18,127

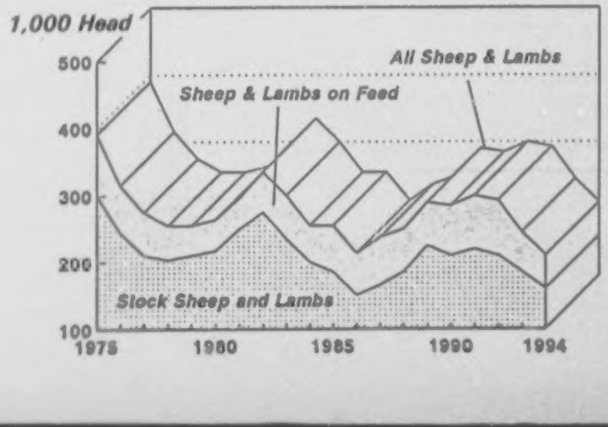
1/ Adjustments made for changes in inventory and for inshipments
2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the state.
3/ Receipts from marketings and sale of farm slaughter.

MINNESOTA WOOL

Year	Sheep Shorn 1/	Weight Per Fleece	Production	Annual Average Price Per Pound 2/	Value
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1989	280	7.0	1,950	78	1,521
1990	245	7.0	1,707	40	683
1991	260	7.0	1,816	25	454
1992	225	7.0	1,565	34	532
1993	210	7.1	1,484	28	416

1/ Includes sheep shorn at commercial feeding yards.
2/ Average local market price for wool sold; does not include incentive payments.

Minnesota Sheep and Lambs
January 1



MINNESOTA COMMERCIAL LIVESTOCK SLAUGHTER

CATTLE

	Number Slaughtered		Liveweight			
			Average Weight		Total Weight	
Month	1992	1993	1992	1993	1992	1993
	1,000 Head		Pounds		1,000 Pounds	
January	99.4	84.2	1,264	1,269	125,630	106,874
February	82.2	76.8	1,273	1,273	104,668	97,778
March	87.5	86.3	1,263	1,270	110,490	109,538
April	82.2	83.6	1,239	1,251	101,817	104,584
May	76.7	82.1	1,213	1,228	93,073	100,843
June	81.7	92.7	1,226	1,230	100,235	113,959
July	79.9	90.0	1,236	1,223	98,754	110,073
August	80.1	90.1	1,245	1,242	99,797	111,883
September	80.8	90.0	1,262	1,264	101,991	113,696
October	88.8	87.3	1,257	1,270	111,567	110,807
November	80.2	93.2	1,263	1,281	101,318	119,310
December	89.3	94.1	1,256	1,269	112,217	119,373
ANNUAL TOTAL	1,008.9	1,050.3	1,250	1,256	1,261,555	1,318,718

HOGS

Month	1992	1993	1992	1993	1992	1993
January	770.9	731.8	238	238	183,568	174,138
February	679.7	679.7	238	237	161,879	161,320
March	763.3	780.1	237	237	180,863	185,127
April	681.8	735.1	238	238	162,307	174,807
May	660.0	640.9	238	237	157,035	151,791
June	692.0	692.2	238	238	164,585	164,706
July	751.9	664.2	237	238	177,985	157,847
August	683.6	679.3	236	237	161,460	161,153
September	800.2	731.9	237	240	189,433	175,666
October	816.3	703.2	239	239	194,900	167,901
November	761.5	718.5	238	242	181,213	173,934
December	751.7	747.1	237	242	178,066	180,428
ANNUAL TOTAL	8,812.8	8,504.1	238	239	2,093,292	2,028,817

Note: Totals may not add due to rounding. Includes slaughter under federal inspection and other commercial slaughter. Excludes farm slaughter.

DAIRY

Minnesota's milk production totaled 9.7 billion pounds in 1993, down 2% from 1992. The state's share of national production in 1993 was 6%. The 12-month average number of milk cows was 648,000 versus 660,000 in 1992. The pounds of milk per cow averaged 14,977 in 1993, a record high for Minnesota.

The count of Minnesota dairy farms licensed to sell milk to plants in January 1994 totaled 13,059. This compares with the totals of 13,832 for January 1993 and 14,637 for January 1992.

MINNESOTA MILK PRODUCTION, DISPOSITION, AND INCOME

Year	Total Milk Produced	Disposition Of Milk Produced			Cash Receipts	Gross Producer Income
		Used on Farms Where Produced				
		Fed To Calves	Consumed In Farm Household	Sale Of Wholesale Milk		
	Mil. Lbs.	Million Pounds			1,000 Dollars	
1989	10,108	113	20	9,975	1,304,730	1,307,346
1990	10,030	115	20	9,895	1,308,119	1,310,763
1991	9,772	107	20	9,645	1,148,720	1,151,102
1992	9,854	109	20	9,725	1,249,663	1,252,233
1993	9,705	96	19	9,590	1,227,520	1,229,952

MINNESOTA MANUFACTURED DAIRY PRODUCTS

Year	Butter	All Cheese	American Cheese	Italian Cheese	Non-Fat Dry Milk Solids	Dry Whey & Whey Fraction Solids	Ice Cream	Ice Milk
	1,000 Pounds						1,000 Gallons	
1989	135,628	610,843	561,856	31,550	67,963	375,551	38,975	18,563
1990	115,409	654,188	596,816	34,259	36,934	369,111	39,422	12,498
1991	66,203	621,428	552,300	48,474	17,876	411,542	40,414	10,328
1992	53,201	662,245	586,651	65,284	12,957	400,796	41,917	9,382
1993	52,908	646,974	571,806	58,271	9,451	358,454	40,609	12,065

MINNESOTA MONTHLY DAIRY PRODUCTION

MILK COWS ON FARMS, EXCLUDES HEIFERS THAT HAVE NOT CALVED
(Thousands)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1989	765	760	750	740	735	730	725	725	725	720	720	715	734
1990	715	720	720	720	720	715	710	705	705	700	700	695	710
1991	690	690	690	685	685	680	680	680	680	680	675	675	683
1992	670	670	665	660	660	660	660	655	655	655	655	660	660
1993	660	660	655	650	650	650	650	645	645	640	640	635	648

MILK PRODUCTION PER COW
(Pounds)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1989	1,180	1,100	1,235	1,205	1,250	1,190	1,135	1,080	1,045	1,085	1,085	1,170	13,771
1990	1,120	1,135	1,280	1,250	1,285	1,220	1,160	1,110	1,045	1,100	1,105	1,200	14,127
1991	1,260	1,170	1,305	1,275	1,300	1,210	1,155	1,115	1,070	1,125	1,120	1,210	14,307
1992	1,275	1,220	1,315	1,275	1,320	1,280	1,265	1,205	1,145	1,190	1,175	1,255	14,930
1993	1,295	1,200	1,345	1,310	1,375	1,320	1,270	1,190	1,125	1,160	1,140	1,230	14,977

MILK PRODUCTION ON FARMS
(Million Pounds)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1989	903	836	926	892	919	869	823	783	758	781	781	837	10,108
1990	872	817	922	900	925	872	824	783	737	770	774	834	10,030
1991	869	807	900	873	891	823	785	758	728	765	756	817	9,772
1992	854	817	874	842	871	845	835	789	750	779	770	828	9,854
1993	855	792	881	852	894	858	826	768	726	742	730	781	9,705

PERCENTAGE OF FAT IN MILK SOLD BY FARMERS TO DAIRY PLANTS
(Percent)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1989	3.73	3.70	3.71	3.68	3.63	3.56	3.49	3.49	3.63	3.72	3.76	3.76	3.66
1990	3.71	3.71	3.68	3.66	3.61	3.57	3.51	3.53	3.60	3.75	3.77	3.76	3.65
1991	3.74	3.70	3.69	3.65	3.62	3.53	3.52	3.56	3.65	3.77	3.81	3.79	3.67
1992	3.74	3.72	3.71	3.72	3.64	3.54	3.54	3.57	3.68	3.75	3.79	3.77	3.68
1993	3.75	3.73	3.73	3.70	3.64	3.61	3.60	3.59	3.71	3.82	3.85	3.82	3.71

BUTTER MANUFACTURED
(Million Pounds)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1989	13.4	13.4	14.6	13.7	13.5	11.6	6.0	10.6	9.3	9.8	9.4	10.3	135.6
1990	11.7	11.3	11.7	10.1	10.0	8.0	7.5	8.4	8.4	9.7	9.7	9.1	115.4
1991	7.8	6.9	7.1	8.0	6.8	6.0	4.9	3.7	2.4	3.5	3.8	5.3	66.2
1992	6.9	5.3	5.2	4.5	4.2	4.2	4.4	4.1	3.5	2.8	3.2	4.9	53.2
1993	6.8	6.2	7.0	5.4	5.7	5.1	2.8	2.1	2.5	2.8	2.6	3.9	52.9

AMERICAN CHEESE MANUFACTURED
(Million Pounds)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1989	49.6	43.0	48.0	45.3	46.8	48.3	46.5	44.0	45.7	46.6	46.7	51.4	561.9
1990	51.1	48.1	53.4	52.5	53.5	50.9	49.3	46.8	45.6	47.1	47.9	50.7	596.8
1991	47.1	42.1	49.5	47.8	51.8	44.5	43.7	44.0	43.0	45.6	43.2	50.0	552.3
1992	51.4	48.2	49.5	48.8	52.0	51.2	54.1	48.5	41.8	44.3	44.1	52.8	586.7
1993	50.5	43.8	49.0	50.9	55.7	54.0	52.6	45.3	40.6	43.9	41.0	44.4	571.8

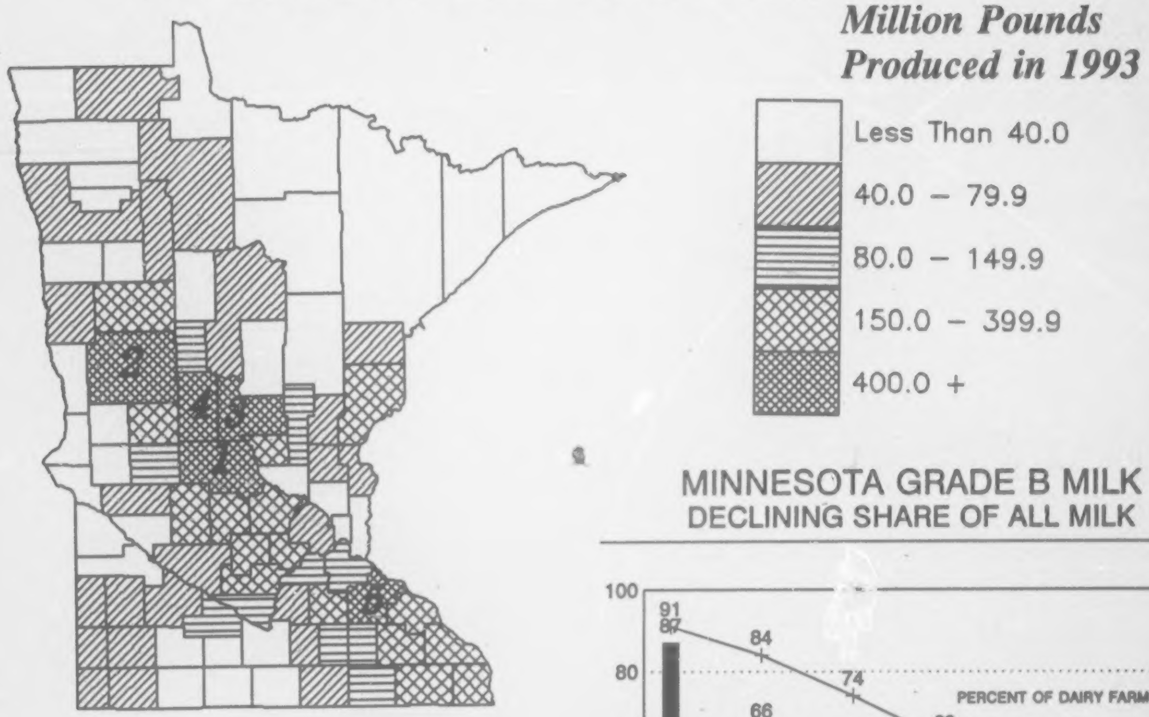
DAIRY: MILK COWS, PRODUCTION PER COW, TOTAL PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93

District And County	Annual Average Milk Cows On Farms 1992	1993	Annual Average Production Per Cow 1992	1993	Total Production 1992	1993
	-Number-		-Thousand Pounds-		-Thousand Pounds-	
Becker	11,300	11,100	14.4	14.5	162,500	160,500
Clay	3,900	3,900	15.1	15.1	59,000	59,000
Clearwater	3,000	2,900	14.2	14.3	42,500	41,500
Kittson	400	400	15.0	15.0	6,000	6,000
Mahnomen	2,300	2,300	14.8	14.8	34,000	34,000
Marshall	1,700	1,700	14.4	14.4	24,500	24,500
Norman	2,200	2,200	15.5	15.5	34,000	34,000
Pennington	2,200	1,900	13.9	13.9	30,500	26,500
Polk	4,700	4,600	15.3	15.3	72,000	70,500
Red Lake	2,400	2,400	15.0	15.0	36,000	36,000
Roseau	4,400	4,300	14.7	14.7	64,500	63,000
Northwest	38,500	37,700	14.7	14.7	565,500	555,500
Beltrami	3,300	3,000	14.4	14.5	47,500	43,500
Cass	3,400	3,300	13.4	13.5	45,500	44,500
Hubbard	1,200	1,200	14.2	14.2	17,000	17,000
Itasca	900	900	13.3	13.3	12,000	12,000
Koochiching	400	400	13.8	13.8	5,500	5,500
Lake of the Woods	400	300	13.8	13.3	5,500	4,000
North Central	9,600	9,100	13.9	13.9	133,000	126,500
St Louis	2,600	2,500	13.7	13.8	35,500	34,500
Northeast	2,600	2,500	13.7	13.8	35,500	34,500
Big Stone	2,000	2,000	13.8	13.8	27,500	27,500
Chippewa	1,400	1,300	13.9	14.2	19,500	18,500
Douglas	13,700	13,600	14.4	14.4	197,500	196,500
Grant	1,900	1,800	14.7	14.7	28,000	26,500
Lac Qui Parle	1,900	1,800	13.9	13.9	26,500	25,000
Otter Tail	39,000	38,200	15.0	15.0	584,500	574,000
Pope	10,100	9,800	15.1	15.2	153,000	149,000
Stevens	1,000	1,000	14.5	14.5	14,500	14,500
Swift	3,000	3,000	14.7	14.7	44,000	44,000
Traverse	600	500	14.2	14.0	8,500	7,000
Wilkin	800	900	15.6	15.6	12,500	14,000
Yellow Medicine	2,500	2,400	14.4	14.4	36,000	34,500
West Central	77,900	76,300	14.8	14.8	1,152,000	1,131,000
Benton	14,600	14,400	14.5	14.5	211,500	209,000
Carver	17,700	17,100	15.3	15.4	271,500	263,000
Kandiyohi	10,400	10,400	15.2	15.2	158,000	158,500
McLeod	14,500	14,100	14.7	14.8	213,500	208,000
Meeker	10,400	10,100	15.1	15.1	157,000	153,000
Morrison	29,800	29,700	15.0	15.0	445,500	445,000
Renville	3,800	3,700	15.0	15.0	57,000	55,500
Scott	8,400	8,500	14.9	15.0	125,500	127,500
Sherburne	2,500	2,400	15.0	15.0	37,500	36,000
Sibley	11,500	11,400	14.8	14.8	170,500	169,000
Stearns	67,900	67,900	15.7	15.7	1,063,500	1,065,500
Todd	29,400	28,900	14.7	14.8	432,500	426,500
Wadena	7,100	7,000	14.8	14.9	105,000	104,000
Wright	19,500	19,000	15.2	15.3	296,500	290,000
Central	247,500	244,600	15.1	15.2	3,745,000	3,710,500

DAIRY: MILK COWS, PRODUCTION PER COW, TOTAL PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA, 1992-93 (CONT'D)

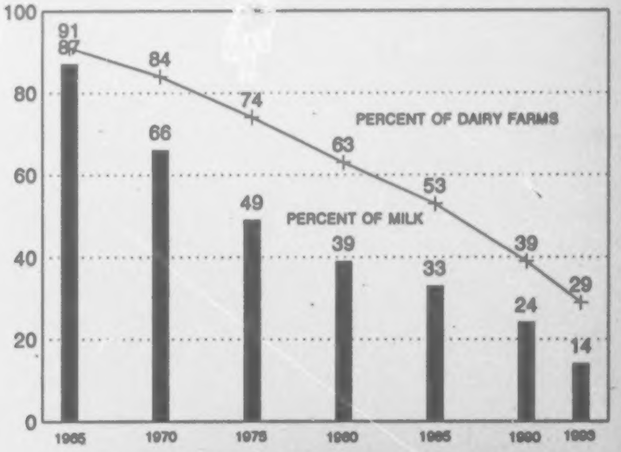
District And County	Annual Average Milk Cows On Farms 1992	Annual Average Milk Cows On Farms 1993	Annual Average Production Per Cow 1992	Annual Average Production Per Cow 1993	Total Production 1992	Total Production 1993
	-Number-		-Thousand Pounds-		-Thousand Pounds-	
Aitkin	2,400	2,400	14.0	14.0	33,500	33,500
Anoka	800	700	15.0	15.0	12,000	10,500
Carlton	3,400	3,300	14.0	14.1	47,500	46,500
Chisago	5,000	4,800	14.1	14.2	70,500	68,000
Crow Wing	2,800	2,700	14.5	14.6	40,500	39,500
Hennepin	4,800	4,700	15.3	15.4	73,500	72,500
Isanti	3,100	2,800	14.8	14.8	46,000	41,500
Kanabec	5,500	5,100	14.1	14.1	77,500	72,000
Mille Lacs	9,300	9,000	14.8	14.9	138,000	134,000
Pine	11,000	11,000	14.5	14.5	159,000	159,500
Ramsey	100	100	15.0	15.0	1,500	1,500
Washington	2,200	2,200	15.5	15.5	34,000	34,000
East Central	50,400	48,800	14.6	14.6	733,500	713,000
Cottonwood	2,400	2,200	14.2	14.1	34,000	31,000
Jackson	1,400	1,300	14.3	14.6	20,000	19,000
Lincoln	4,600	4,600	14.0	14.2	64,500	65,500
Lyon	2,900	2,900	14.0	14.0	40,500	40,500
Murray	4,600	4,500	14.0	14.0	64,500	63,000
Nobles	4,500	4,400	14.0	14.1	63,000	62,000
Pipestone	5,700	5,500	14.0	14.1	80,000	77,500
Redwood	3,600	3,500	14.2	14.3	51,000	50,000
Rock	3,700	3,500	14.1	14.1	52,000	49,500
Southwest	33,400	32,400	14.1	14.1	469,500	458,000
Blue Earth	2,300	2,200	15.0	15.0	34,500	33,000
Brown	9,300	9,200	14.6	14.7	136,000	135,000
Faribault	2,600	2,500	14.8	14.8	38,500	37,000
Freeborn	4,400	4,300	14.9	14.9	65,500	64,000
Le Sueur	5,300	5,200	14.6	14.7	77,500	76,500
Martin	2,100	2,000	14.5	14.5	30,500	29,000
Nicollet	6,500	6,300	14.9	15.0	97,000	94,500
Rice	12,900	12,700	14.9	15.0	192,500	190,000
Steele	8,000	7,700	14.9	15.0	119,500	115,500
Waseca	4,200	4,100	14.8	14.9	62,000	61,000
Watonwan	1,300	1,200	14.6	14.6	19,000	17,500
South Central	58,900	57,400	14.8	14.9	872,500	853,000
Dakota	6,100	5,800	15.8	15.9	96,500	92,000
Dodge	8,100	8,000	15.1	15.2	122,500	121,500
Fillmore	18,500	18,300	14.9	15.0	276,500	274,500
Goodhue	27,000	26,700	15.2	15.3	411,500	408,000
Houston	13,900	13,400	14.9	15.0	207,500	201,000
Mower	6,400	6,300	15.5	15.6	99,500	98,000
Olmsted	14,300	14,200	15.1	15.2	216,500	215,500
Wabasha	20,100	20,200	15.5	15.6	312,500	314,500
Winona	26,800	26,300	15.1	15.1	404,500	398,000
Southeast	141,200	139,200	15.2	15.3	2,147,500	2,123,000
Minnesota	660,000	648,000	14.9	15.0	9,854,000	9,705,000

GEOGRAPHIC DISTRIBUTION OF MINNESOTA MILK PRODUCTION

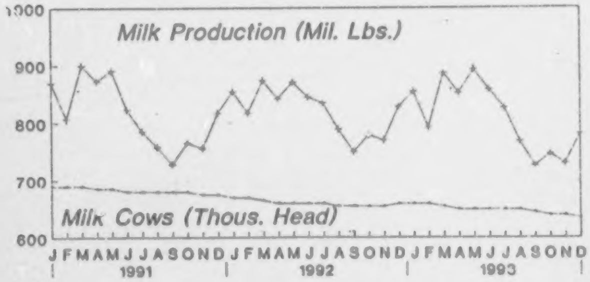


Million Pounds Produced in 1993
Less Than 40.0
40.0 - 79.9
80.0 - 149.9
150.0 - 399.9
400.0 +
2
4
3
1
5

MINNESOTA GRADE B MILK
DECLINING SHARE OF ALL MILK



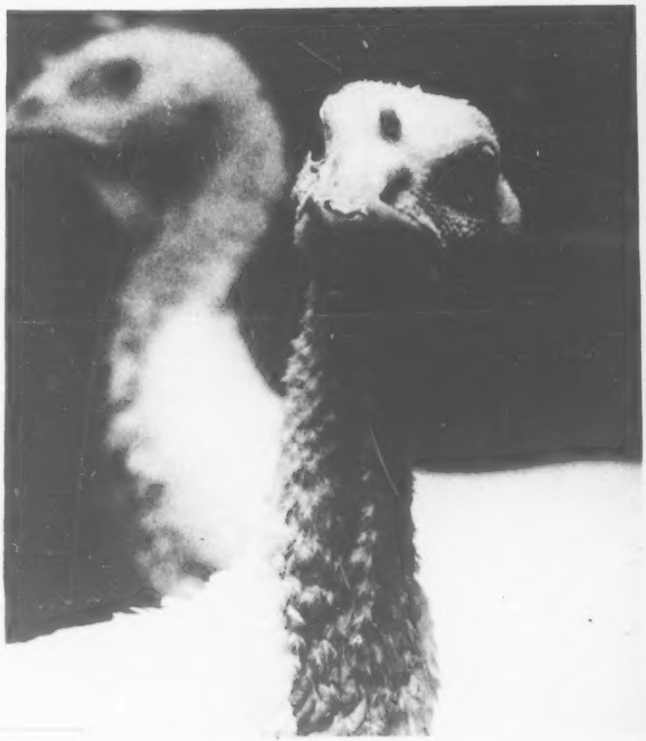
Minnesota's Monthly Milk Production and Milk Cows



DAIRY FARMS: NUMBER, BY DISTRICTS AND COUNTIES, MINNESOTA, JANUARY 1994

DISTRICT AND COUNTY	GRADE A	GRADE B	TOTAL
Becker	180	72	252
Clay	54	12	66
Clearwater	32	42	74
Kittson	9	0	9
Mahnomen	40	19	59
Marshall	35	12	47
Norman	36	14	50
Pennington	28	24	52
Polk	64	35	99
Red Lake	30	15	45
Roseau	51	35	86
Northwest	**559**	**280**	**839**
Beltrami	46	17	63
Cass	39	46	85
Hubbard	16	11	27
Itasca	8	11	19
Koochiching	7	4	11
Lake of the Woods	6	5	11
North Central	**122**	**94**	**216**
St. Louis	39	13	52
Northeast	**39**	**13**	**52**
Big Stone	31	10	41
Chippewa	18	7	25
Douglas	229	84	313
Grant	30	9	39
Lac Qui Parle	25	26	51
Otter Tail	639	142	781
Pope	160	37	197
Stevens	16	5	21
Swift	45	19	64
Traverse	4	5	9
Wilkin	18	4	22
Yellow Medicine	28	21	49
West Central	**1,243**	**369**	**1,612**
Benton	221	80	301
Carver	204	103	307
Kandiyohi	177	40	217
McLeod	209	112	321
Meeker	131	55	186
Morrison	508	143	651
Renville	49	25	74
Scott	105	53	158
Sherburne	28	10	38
Sibley	148	76	224
Stearns	1,180	207	1,387
Todd	496	152	648
Wadena	102	65	167
Wright	260	99	359
Central	**3,818**	**1,220**	**5,038**
Aitkin	26	32	58
Anoka	12	3	15
Carlton	47	29	76
Chisago	81	24	105
Crow Wing	44	27	71
Hennepin	64	7	71
Isanti	34	19	53
Kanabec	64	34	98
Mille Lacs	123	71	194
Pine	177	102	279
Ramsey	1	0	1
Washington	36	3	39
East Central	**709**	**351**	**1,060**
Cottonwood	19	19	38
Jackson	15	9	24
Lincoln	37	57	94
Lyon	32	20	52
Murray	41	41	82
Nobles	36	47	83
Pipestone	60	51	111
Redwood	41	32	73
Rock	31	26	57
Southwest	**312**	**302**	**614**
Blue Earth	32	19	51
Brown	130	79	209
Faribault	27	13	40
Freeborn	51	34	85
Le Sueur	71	40	111
Martin	22	9	31
Nicollet	78	42	120
Rice	191	71	262
Steele	114	53	167
Waseca	65	17	82
Watonwan	15	8	23
South Central	**796**	**385**	**1,181**
Dakota	77	8	85
Dodge	115	26	141
Fillmore	229	167	396
Goodhue	360	63	423
Houston	167	87	254
Mower	96	24	120
Olmsted	204	70	274
Wabasha	247	81	328
Winona	338	88	426
Southeast	**1,833**	**614**	**2,447**
MINNESOTA	**9,431**	**3,628**	**13,059**

Poultry



In 1993, Minnesota's turkey growers raised 42.0 million turkeys, down 2% from the previous year. The average price received for turkeys in 1993 was 35 cents per pound, unchanged from 1992. Due to an increase in average weight from 18.6 to 19.4 pounds per head, the value of the state's turkey production in 1993 was up 2% to $285.2 million.

During 1993, hatcheries in the West North Central Region (which includes the states of Iowa, Kansas, Missouri, Nebraska, North Dakota, South Dakota, and Minnesota) placed 85.81 million turkey poults, down 3% from 992.

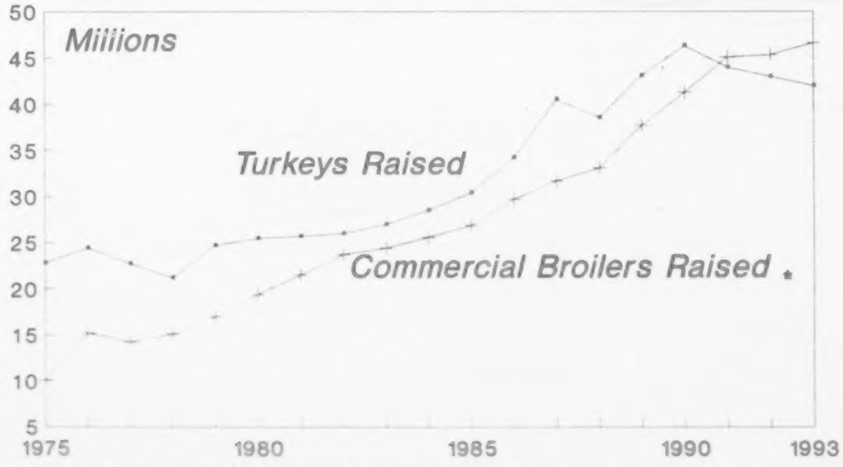
The state's egg production in 1993 was 2.69 billion eggs, a decrease of 4% from 1992. The annual average number of layers on farms fell slightly to 10.7 million. The value of eggs produced rose 8% in 1993 to $103.2 million. The all-egg price increased 5¢ to 46.0 cents per dozen. The total chicken inventory (excluding broilers) on December 1, 1993 was down 3% to 13.5 million birds.

Value of sales from chickens (excluding broilers) fell 29% from last year to $710,000.

In 1993, the number of broilers raised increased 3% to 46.6 million. From 1992 to 1993, value of production increased 13%. The annual average price per pound rose 3 cents to 34 cents.

Hatchery production of egg-type chicks increased 5% to 23.48 million in 1993. These poultry estimates are based on survey data obtained from producers, hatcheries, and processing plants.

Minnesota Poultry Production



•December 1 previous year to November current year.

MINNESOTA CHICKEN AND EGG INVENTORY, PRODUCTION, AND VALUE

Year	Chickens On Farms, Dec. 1		Chickens 1/		Eggs 1/		Egg-Type Chicks Hatched
	All	Hens & Pullets Of Laying Age	Number Sold	Value Of Sales	Number Produced	Value Of Production	
	Thousands		Thousands	1,000 Dollars	Millions	1,000 Dollars	Thousands
1989	12,700	9,500	6,200	2,982	2,236	96,893	17,956
1990	13,300	10,200	6,000	1,534	2,499	120,160	19,136
1991	14,400	11,200	5,500	634	2,697	121,365	21,027
1992	13,900	11,150	6,200	998	2,805	95,838	22,313
1993	13,460	10,345	5,200	710	2,692	103,193	23,478

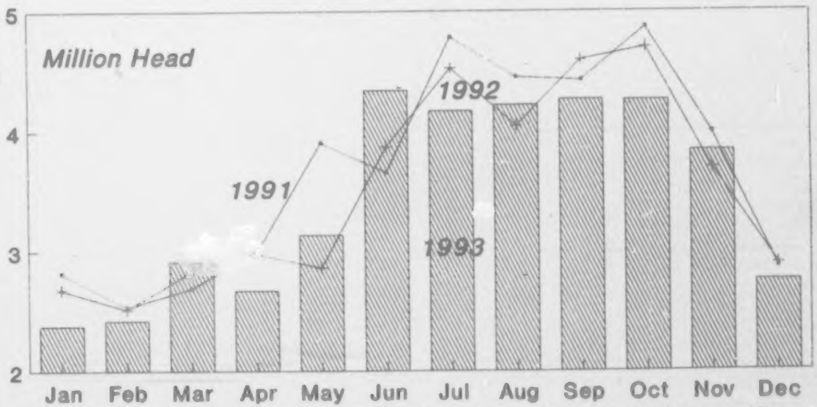
1/ December previous year to November current year.

MINNESOTA BROILERS AND TURKEYS: PRODUCTION AND VALUE

Year	Commercial Broilers 1/		Turkeys	
	Number Raised	Value Of Production	Number Raised	Value of Production
	Thousands	1,000 Dollars	Thousands	1,000 Dollars
1989	37,700	65,146	43,100	290,235
1990	41,300	63,437	46,300	298,172
1991	45,100	67,650	44,000	289,872
1992	45,300	71,619	43,000	279,930
1993	46,600	80,818	42,000	285,180

1/ December previous year to November current year.

Minnesota Monthly Turkey Slaughter*

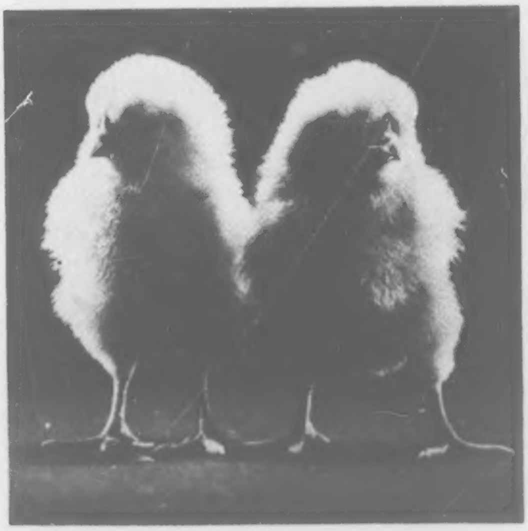


*Young turkeys (mature) slaughtered under federal inspection

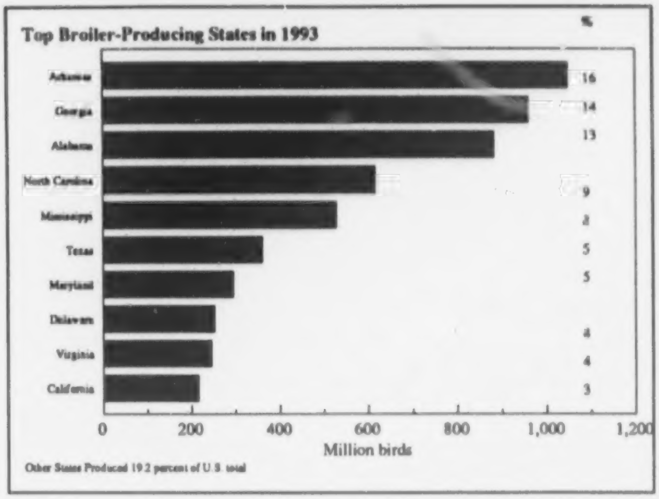
HENS AND PULLETS OF LAYING AGE, RATE OF LAY, EGG PRODUCTION, BY DISTRICTS, MINNESOTA, 1992-93

District	Annual Average Hens & Pullets Of Laying Age 1992	Annual Average Hens & Pullets Of Laying Age 1993	Annual Average Rate Of Lay 1992	Annual Average Rate Of Lay 1993	Total Egg Production 1992	Total Egg Production 1993
	-Number-		-Number-		-Thousands-	
Northwest	849,000	845,000	259	254	219,600	214,600
West Central	504,000	502,000	251	246	126,100	123,500
Central	4,963,000	4,941,000	260	249	1,291,300	1,228,300
Southwest	558,000	556,000	259	247	144,500	137,300
South Central	2,780,000	2,768,000	263	260	730,600	719,000
Southeast	444,000	442,000	256	245	113,800	108,500
Other Districts	680,000	677,000	263	238	179,100	160,800
Minnesota	10,778,000	10,731,000	260	251	2,805,000	2,692,000

NOTE: County estimates were discontinued to protect the confidentiality of individual poultry operations.

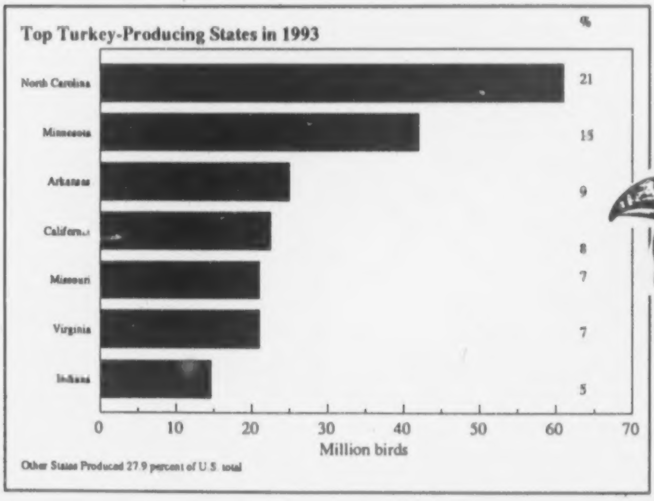


POULTRY STATISTICS



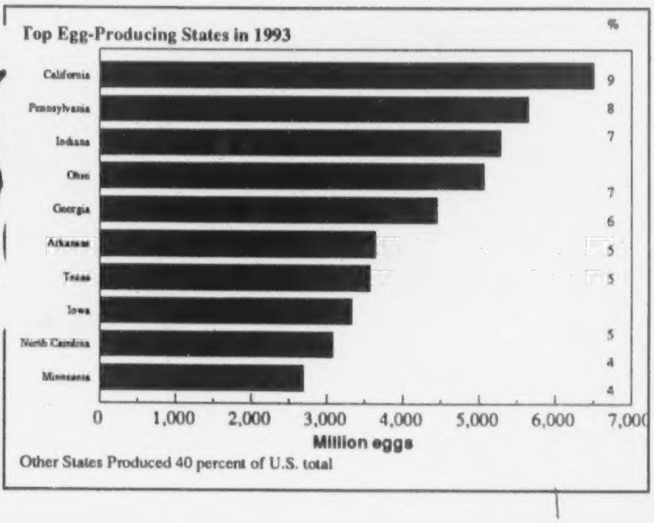
Top Broiler-Producing States in 1993

Other States Produced 19.2 percent of U.S. total



Top Turkey-Producing States in 1993

Other States Produced 27.9 percent of U.S. total



Top Egg-Producing States in 1993

Other States Produced 40 percent of U.S. total

MINNESOTA MONTHLY POULTRY PRODUCTION

CHICKENS: LAYERS ON FARMS
(Millions)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual 1/
1989	8.9	8.8	8.5	8.5	8.5	8.5	8.6	8.5	8.7	9.0	9.4	9.6	8.7
1990	9.6	9.6	9.6	9.5	9.6	9.5	9.4	9.6	9.9	9.9	10.0	10.3	9.6
1991	10.5	10.6	10.6	10.5	10.4	10.3	10.4	10.6	10.7	10.9	11.1	11.1	10.6
1992	11.0	11.0	11.1	10.9	10.7	10.5	10.4	10.4	10.6	10.7	10.9	11.1	10.8
1993	11.0	10.8	10.8	10.7	10.6	10.6	10.6	10.6	10.7	10.7	10.5	10.4	10.7
EGGS: AVERAGE NUMBER LAID PER LAYER PER MONTH													
1989	21.6	19.5	22.4	21.4	21.7	20.8	21.7	21.9	20.9	21.4	20.8	21.8	256
1990	21.8	19.7	22.7	21.8	21.6	21.2	22.2	21.9	21.0	22.0	21.6	21.5	259
1991	21.0	19.2	21.5	20.7	21.4	21.0	22.1	22.2	21.2	21.7	21.6	22.3	255
1992	22.3	20.9	22.2	21.3	21.7	21.2	22.2	21.8	21.1	21.8	21.4	21.3	260
1993	21.0	19.4	21.5	20.9	21.5	20.2	20.8	20.9	20.7	21.6	21.2	21.6	251
EGGS: PRODUCTION ON FARMS 2/ (Million Eggs)													
1989	193	171	191	181	183	178	186	187	182	193	195	208	2,236
1990	209	189	217	207	207	201	208	210	208	218	217	222	2,499
1991	221	203	227	217	223	217	230	235	226	236	240	248	2,697
1992	246	230	245	233	232	224	231	228	223	232	233	236	2,805
1993	230	210	231	224	228	214	220	222	222	232	223	224	2,692
CHICKENS: EGG-TYPE HATCHERY PRODUCTION (Thousands)													
1989	1,433	1,488	1,575	2,012	1,860	1,712	1,506	1,728	1,368	1,170	1,097	1,007	17,956
1990	1,554	1,721	1,762	1,784	1,972	1,793	1,435	1,302	1,453	1,329	1,647	1,384	19,136
1991	1,667	1,481	1,608	2,129	1,787	1,670	1,710	2,049	1,799	2,080	1,583	1,464	21,027
1992	1,611	1,365	2,353	2,096	2,186	1,920	1,793	1,562	1,769	1,965	1,916	1,777	22,313
1993	1,689	2,068	1,859	1,839	2,191	1,783	2,044	1,996	1,666	1,733	2,436	2,174	23,478
TURKEYS: HATCHERY PLACEMENTS 3/ (Thousands)													
1989	6,011	7,024	8,211	7,922	9,245	9,075	7,759	6,323	5,235	5,429	5,564	5,617	83,415
1990	6,613	6,698	8,344	8,554	8,588	9,120	8,049	7,619	5,289	5,421	5,952	5,983	86,230
1991	6,828	7,141	7,438	8,948	9,468	8,820	8,580	7,260	5,233	5,941	5,862	6,215	87,734
1992	6,842	7,240	8,230	8,815	8,947	8,640	8,052	7,191	5,902	6,292	5,924	6,602	88,677
1993	6,347	7,232	7,864	8,325	7,884	8,467	7,711	7,063	5,655	5,704	6,631	6,927	85,810

1/ Annual data for layers and eggs represent December previous year to November current year. Annual data for hatcheries represent calendar year.

2/ Based on unrounded number of layers and eggs per layer.

3/ Totals are placements from West North Central Region hatcheries which include Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota. Data represent total placements excluding exported poults.

SECTION 4

FARM PRICES

Crop Prices

Prices for most commodities started to strenghten in the last few months of 1993 because of the cold, wet growing season which created a small crop here in Minnesota and the Upper Midwest. The most noticeable gain in price was experienced in the Sunflower market because of the extremely poor crop in North Dakota. The primary source of the crop prices listed in the following tables are elevators and dealers, which buy directly from farmers. The marketing year for different crops may be found in the footnotes following the tables.

CORN 1/
(Dollars Per Bushel)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Marketing Year Average Price 2/
1989	2.50	2.45	2.45	2.46	2.45	2.46	2.35	2.12	2.15	1.97	2.10	2.11	2.27
1990	2.10	2.16	2.21	2.32	2.49	2.51	2.51	2.39	2.16	2.06	2.05	2.00	2.17
1991	2.06	2.13	2.24	2.28	2.26	2.19	2.15	2.20	2.18	2.14	2.15	2.14	2.22
1992	2.21	2.30	2.31	2.33	2.39	2.41	2.26	2.07	1.99	1.94	1.88	1.81	1.91
1993	1.84	1.84	1.89	1.98	1.95	1.93	2.04	1.99	2.02	2.07	2.16	2.44	2.35

SOYBEANS 3/
(Dollars Per Bushel)

1989	7.62	7.11	7.30	7.15	7.03	7.02	6.60	5.86	5.50	5.43	5.38	5.34	5.58
1990	5.29	5.30	5.48	5.68	5.78	5.78	5.87	5.80	5.81	5.76	5.60	5.51	5.55
1991	5.49	5.45	5.56	5.60	5.56	5.43	5.23	5.51	5.49	5.39	5.31	5.27	5.41
1992	5.24	5.39	5.42	5.52	5.69	5.79	5.47	5.29	5.26	5.27	5.21	5.31	5.52
1993	5.44	5.38	5.48	5.56	5.62	5.68	6.38	6.35	5.90	5.86	6.08	6.45	6.30

SUNFLOWERS 3/
(Dollars Per Cwt.)

1989	12.40	15.90	12.30	12.10	11.10	8.29	10.50	10.60	12.70	11.70	13.40	13.60	12.10
1990	13.00	13.10	13.90	11.40	16.30	14.70	4/	4/	14.00	11.50	11.80	10.90	11.70
1991	12.00	11.10	11.50	10.80	11.60	11.00	10.10	10.20	9.55	9.24	9.21	9.72	9.57
1992	10.30	9.75	9.45	9.40	9.92	9.68	9.76	10.30	10.60	10.00	9.35	10.20	10.80
1993	11.90	11.40	11.70	12.00	12.10	11.80	12.80	11.90	11.10	11.90	13.60	15.90	14.30

ALL WHEAT 5/
(Dollars Per Bushel)

1989	3.87	3.83	4.02	3.88	4.01	3.96	3.77	3.72	3.64	3.61	3.66	3.61	3.63
1990	3.60	3.52	3.56	3.54	3.59	3.45	3.09	2.54	2.36	2.34	2.32	2.35	2.53
1991	2.39	2.39	2.49	2.61	2.65	2.58	2.44	2.50	2.68	2.99	3.22	3.46	3.21
1992	3.57	3.92	3.90	3.80	3.83	3.91	3.72	3.09	3.03	3.00	3.14	3.19	3.17
1993	3.33	3.24	3.32	3.34	3.04	3.01	3.35	2.97	2.78	3.19	3.32	3.57	3.25

OATS 5/
(Dollars Per Bushel)

1989	2.63	2.67	2.61	2.36	2.25	1.74	1.49	1.75	1.39	1.45	1.59	1.62	1.51
1990	1.54	1.45	1.32	1.46	1.45	1.31	1.11	.99	1.03	1.16	1.09	1.06	1.07
1991	1.07	1.03	1.10	1.08	1.10	1.03	.99	.98	1.02	1.11	1.19	1.22	1.16
1992	1.24	1.39	1.33	1.34	1.36	1.31	1.26	1.15	1.23	1.22	1.30	1.33	1.27
1993	1.33	1.37	1.38	1.38	1.37	1.39	1.31	1.26	1.31	1.26	1.38	1.38	1.30

1/ Marketing year, October through September. 2/ 1993 is preliminary. 3/ Marketing year, September through August. 4/ Volume of sales too small to estimate a price. 5/ Marketing year, July through June.

MINNESOTA MONTHLY PRICES RECEIVED BY FARMERS FOR CROPS (CONT'D)

BARLEY
(Dollars Per Bushel)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Marketing Year Average Price 1/
1989	2.53	2.70	2.67	2.75	2.60	2.31	2.22	2.81	2.85	2.83	2.67	2.73	2.62
1990	2.55	2.36	2.24	2.36	2.38	2.27	1.88	1.77	1.77	1.90	1.87	1.98	1.87
1991	1.95	1.97	2.03	1.94	1.91	1.78	1.49	1.51	1.66	1.75	1.84	1.91	1.79
1992	1.92	1.90	1.97	2.01	2.05	2.03	2.00	1.77	1.75	1.76	1.86	1.78	1.82
1993	1.87	1.84	1.88	1.90	1.83	1.80	1.78	1.61	1.40	1.68	1.79	1.82	1.75

ALL HAY, BALED
(Dollars Per Ton)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Marketing Year Average Price 1/
1989	95.00	107.00	112.00	119.00	117.00	105.00	94.00	73.00	75.00	76.00	69.00	84.00	85.50
1990	88.00	93.00	87.00	87.00	87.00	100.00	89.00	82.00	80.00	78.00	77.00	79.00	80.50
1991	78.00	82.00	80.00	75.00	76.00	60.00	63.00	62.00	60.00	63.00	66.00	66.00	65.00
1992	66.00	69.00	65.00	69.00	77.00	78.00	80.00	73.00	76.00	72.00	78.00	81.00	84.50
1993	87.00	90.00	93.00	92.00	93.00	85.00	82.00	94.00	95.00	97.00	91.00	103.00	97.00

ALFALFA HAY, BALED
(Dollars Per Ton)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Marketing Year Average Price 1/
1989	106.00	118.00	123.00	128.00	124.00	112.00	95.00	87.00	90.00	86.00	87.00	94.00	97.50
1990	95.00	101.00	102.00	101.00	103.00	106.00	97.00	89.00	88.00	84.00	85.00	90.00	86.00
1991	90.00	89.00	85.00	85.00	82.00	63.00	68.00	67.00	68.00	73.00	71.00	71.00	70.50
1992	72.00	74.00	71.00	74.00	81.00	81.00	83.00	79.00	78.00	75.00	83.00	86.00	88.00
1993	91.00	93.00	95.00	97.00	95.00	92.00	88.00	100.00	101.00	104.00	98.00	110.00	104.00

ALL OTHER HAY, BALED
(Dollars Per Ton)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Marketing Year Average Price 1/
1989	75.00	83.00	86.00	89.00	87.00	79.00	65.00	59.00	59.00	57.00	57.00	62.00	62.00
1990	61.00	62.00	64.00	65.00	64.00	64.00	64.00	59.00	57.00	54.00	54.00	58.00	55.00
1991	53.00	55.00	51.00	51.00	50.00	42.00	43.00	45.00	45.00	49.00	47.00	45.00	45.50
1992	45.00	47.00	45.00	47.00	51.00	51.00	52.00	49.00	48.00	51.00	50.00	52.00	54.00
1993	56.00	61.00	58.00	60.00	60.00	58.00	57.00	68.00	73.00	67.50	63.00	76.00	67.50

DRY BEANS
(Dollars Per Cwt.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Marketing Year Average Price 1/
1989	36.00	33.00	35.60	34.60	30.90	24.90	22.00	21.00	23.70	25.10	26.30	29.60	25.80
1990	29.50	34.70	31.70	32.90	28.20	23.60	2/	24.00	17.10	18.00	21.90	21.70	18.90
1991	24.10	19.90	20.00	22.90	17.10	18.70	21.30	14.20	14.30	14.80	19.50	19.40	16.00
1992	18.40	19.40	12.90	13.70	18.50	13.00	20.60	18.60	21.30	19.90	21.20	23.00	20.60
1993	23.10	27.80	24.60	18.50	17.50	15.00	17.90	20.70	21.80	22.50	25.40	26.40	23.80

POTATOES
(Dollars Per Cwt.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Marketing Year Average Price 1/
1989	6.55	5.55	8.35	10.20	10.10	2/	13.20	6.20	4.90	4.25	5.15	7.40	6.05
1990	6.25	7.35	8.50	9.10	9.25	2/	2/	6.55	5.30	4.90	5.65	5.25	5.75
1991	6.05	6.45	6.40	7.00	6.45	6.95	6.70	4.90	4.00	3.80	3.75	3.50	4.10
1992	3.75	4.30	4.45	4.15	3.55	2/	8.25	5.30	4.55	3.55	4.10	4.20	4.50
1993	4.30	4.40	4.85	5.85	5.00	2/	10.00	5.35	4.80	5.20	5.90	5.35	5.90

1/ Marketing year average prices are based on monthly prices shown weighted by monthly marketings. The marketing year period is July - June for barley and potatoes; June - May for hay; and September - August for dry beans. 1993 is preliminary. 2/ Volume of sales too small to estimate a price.

Livestock, Dairy, Poultry Prices

The livestock and dairy price statistics included in these tables are based on reports from farmers, auction markets, livestock buyers, meat and poultry processing plants, Market News Service, produce houses, egg handlers and dealers, marketing cooperatives, dairy plants, and other firms doing business with farmers. The marketing year for livestock, dairy, and poultry items is a calendar year, except for hogs, chickens, and eggs, which are on a December-November basis.

The 1993 Minnesota annual average prices for meat animals were higher except for steers and heifers which decreased $1.10. All hogs increased $3.80 per 100 pounds while beef cattle were up 10 cents and calves were up $4.20. Live lamb prices improved by $6.40 and sheep were up 60 cents for the year. Milk cows for dairy herd replacement increased $50 per head. Turkeys were unchanged but table market eggs were up 5 cents per dozen. All milk was 5 cents per 100 pounds lower than a year earlier. Manufacturing grade milk was down 8 cents and grade A was down 9 cents.

MINNESOTA MONTHLY PRICES RECEIVED BY FARMERS FOR LIVESTOCK

BEEF CATTLE 1/
(Dollars Per Cwt.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average Price
1989	64.30	65.30	67.80	66.80	67.20	64.50	63.60	64.50	64.30	64.10	64.30	68.40	65.40
1990	68.30	70.50	70.40	71.40	70.00	69.20	67.80	69.40	70.20	70.60	72.90	72.40	70.30
1991	70.60	73.10	72.60	73.20	70.00	68.00	65.60	62.50	61.80	63.10	61.50	60.90	66.90
1992	63.30	67.40	69.00	69.00	67.20	65.60	64.90	65.40	64.80	66.60	64.40	65.80	66.10
1993	69.50	69.60	70.90	71.70	71.10	67.40	65.30	64.20	62.90	61.10	62.30	60.20	66.20
STEERS AND HEIFERS (Dollars Per Cwt.)													
1989	70.30	70.80	73.20	72.60	71.90	69.30	67.70	69.80	68.60	68.80	70.10	73.80	70.60
1990	73.90	75.60	75.00	76.30	74.00	72.30	70.90	72.60	73.50	75.50	79.20	77.90	74.90
1991	77.10	78.20	76.60	77.60	73.80	71.00	69.20	65.20	64.80	66.30	65.10	65.10	70.80
1992	67.30	70.80	72.50	72.80	70.30	68.60	68.10	67.90	68.40	70.70	69.20	70.00	69.70
1993	72.80	72.60	74.00	74.70	73.30	69.70	67.10	66.20	64.90	62.80	65.00	62.10	68.60
COWS 2/ (Dollars Per Cwt.)													
1989	45.90	48.80	46.90	46.30	46.80	47.50	47.70	48.80	48.90	47.50	46.10	48.10	47.40
1990	48.80	51.50	52.00	51.90	52.10	53.20	52.70	53.70	52.90	49.10	45.50	48.40	50.70
1991	47.70	50.40	50.80	50.90	52.50	51.00	49.10	48.60	47.70	46.20	43.60	45.00	48.40
1992	45.40	48.00	47.90	47.60	48.40	47.20	47.60	48.80	46.10	44.50	42.20	45.80	46.40
1993	46.60	49.20	47.00	48.20	49.60	49.30	49.10	48.70	47.90	46.50	45.90	45.10	47.60
CALVES (Dollars Per Cwt.)													
1989	88.80	90.60	91.10	88.20	92.00	94.80	96.80	98.80	94.30	90.40	87.80	87.50	91.10
1990	92.70	103.00	98.10	103.00	108.00	102.00	109.00	114.00	104.00	96.40	96.30	94.50	100.00
1991	94.80	109.00	115.00	115.00	115.00	115.00	118.00	108.00	103.00	96.50	84.90	84.30	102.00
1992	86.50	91.50	99.60	98.80	91.50	98.00	104.00	101.00	96.50	90.30	83.70	90.90	92.90
1993	89.20	91.70	101.00	102.00	99.00	111.00	100.00	90.50	100.00	93.70	91.90	96.60	97.10

1/ "Cows" and "Steers and Heifers" combined.

2/ Beef cows and cull dairy cows sold for slaughter.

MINNESOTA MONTHLY PRICES RECEIVED BY FARMERS FOR LIVESTOCK (CONT'D)

HOGS 1/ 2/
(Dollars Per Cwt.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average Price
1989	41.70	40.60	39.50	37.30	42.70	45.80	47.20	47.00	44.50	47.90	46.30	49.70	43.60
1990	48.80	49.50	52.30	54.30	63.70	61.70	62.70	57.00	56.60	58.80	51.50	49.40	55.20
1991	51.50	53.40	53.00	52.20	55.60	55.60	55.50	51.80	46.90	44.50	38.90	39.40	50.50
1992	37.80	41.10	40.00	41.90	46.40	48.20	46.10	45.30	43.10	43.20	42.40	42.80	42.80
1993	42.70	45.40	48.50	46.80	48.40	49.40	47.20	48.90	48.30	48.20	43.90	41.60	46.60

BARROWS AND GILTS 1/
(Dollars Per Cwt.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average Price
1989	42.20	40.80	39.70	37.50	43.10	46.70	48.00	47.70	44.90	48.20	46.70	50.00	44.00
1990	49.10	49.70	52.50	54.50	64.10	62.50	64.20	57.80	57.50	59.70	52.10	50.10	55.70
1991	52.30	53.90	53.30	52.60	56.10	56.20	56.70	52.50	47.50	45.00	39.40	40.00	51.10
1992	38.40	41.60	40.40	42.30	46.90	49.00	46.90	45.90	43.70	43.60	42.90	43.60	43.40
1993	43.10	45.80	48.80	47.10	48.80	50.00	47.70	49.60	48.80	48.60	44.30	42.00	47.10

SOWS 1/
(Dollars Per Cwt.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average Price
1989	32.50	33.80	33.60	31.20	33.10	34.00	34.10	35.50	37.10	40.30	37.10	40.20	34.60
1990	42.70	42.20	46.50	50.30	53.10	51.30	46.30	48.70	45.80	48.00	43.70	39.80	46.80
1991	41.50	43.90	46.10	46.70	45.70	44.60	41.10	39.20	37.90	36.20	30.40	27.60	40.80
1992	26.90	31.80	32.90	34.60	37.30	35.70	31.70	33.40	32.20	35.80	31.60	30.60	32.70
1993	33.30	35.60	40.40	39.90	38.70	37.10	34.80	35.70	36.80	36.90	34.90	30.80	35.80

SHEEP
(Dollars Per Cwt.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average Price
1989	26.00	24.70	21.90	19.00	15.80	18.10	19.70	17.40	16.80	17.40	20.90	24.60	19.30
1990	25.80	22.80	24.00	19.90	16.60	14.80	18.30	22.30	16.60	17.80	18.10	21.90	19.80
1991	24.60	20.20	19.70	19.60	15.50	16.40	20.10	19.70	17.20	17.50	17.20	21.70	18.60
1992	26.10	28.40	29.90	26.00	20.90	20.50	23.60	26.40	24.90	21.80	24.60	27.00	24.90
1993	30.80	27.40	30.30	23.20	24.10	24.50	27.50	26.90	23.80	22.00	23.10	25.80	25.50

LAMBS
(Dollars Per Cwt.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average Price
1989	66.20	69.20	73.20	76.40	76.50	71.00	65.90	64.60	62.60	60.90	58.50	56.30	66.30
1990	54.50	58.60	63.10	55.30	59.10	54.50	52.30	49.60	47.30	46.60	43.50	45.10	53.70
1991	46.40	47.00	49.20	53.20	59.20	57.50	56.90	52.20	49.80	50.30	48.60	51.00	51.70
1992	53.20	55.70	64.70	68.40	66.40	65.40	60.70	54.60	55.50	54.20	58.30	67.00	60.00
1993	69.90	76.00	79.20	70.00	63.20	57.40	53.60	60.40	65.30	65.40	68.80	66.60	66.40

WOOL
(Cents Per Pound)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average Price
1989	87	91	84	79	72	67	69	66	64	62	58	59	78
1990	59	46	42	40	38	37	26	26	36	33	26	26	40
1991	22	23	19	21	24	24	27	20	26	27	25	27	25
1992	25	31	32	33	36	40	32	29	35	37	37	37	34
1993	30	33	29	25	19	20	18	26	27	26	29	30	28

1/ Annual average price is the marketing year average -- December previous year through November current year.
2/ "Sows" and "Barrows and Gilts" combined.

MINNESOTA MONTHLY PRICES RECEIVED BY FARMERS FOR MILK AND MILK COWS

ALL MILK
(Dollars Per Cwt.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average Price
1989	12.90	12.23	11.91	11.81	11.79	11.82	12.17	12.77	13.80	14.82	15.66	16.06	13.08
1990	15.06	13.55	13.23	13.23	13.57	13.97	14.03	13.82	13.34	11.95	11.56	11.04	13.22
1991	10.93	10.88	10.85	10.82	10.97	11.19	11.67	12.30	13.02	13.70	13.86	13.51	11.91
1992	12.98	12.37	11.99	12.42	12.87	13.19	13.28	13.35	13.32	13.18	12.93	12.41	12.85
1993	11.94	11.77	12.05	13.15	13.40	12.95	12.33	12.11	12.94	13.62	13.87	13.64	12.80

FLUID MARKET MILK
(Dollars Per Cwt.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average Price
1989	13.13	12.48	12.15	12.02	12.01	12.03	12.38	12.97	13.98	15.02	15.85	16.30	13.32
1990	15.35	13.89	13.56	13.47	13.78	14.18	14.24	14.08	13.61	12.28	11.87	11.24	13.48
1991	11.14	11.09	11.06	11.03	11.20	11.40	11.89	12.51	13.23	13.90	14.09	13.76	12.15
1992	13.23	12.60	12.20	12.62	13.06	13.37	13.46	13.54	13.52	13.37	13.11	12.59	13.05
1993	12.11	11.93	12.21	13.31	13.55	13.13	12.52	12.29	13.08	13.77	14.03	13.80	12.96

MANUFACTURING GRADE MILK
(Dollars Per Cwt.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average Price
1989	12.28	11.55	11.28	11.26	11.20	11.27	11.60	12.21	13.27	14.20	15.07	15.30	12.42
1990	14.17	12.49	12.21	12.48	12.93	13.32	13.36	12.98	12.44	10.80	10.43	10.31	12.40
1991	10.16	10.11	10.07	10.02	10.10	10.36	10.80	11.42	12.12	12.77	12.77	12.35	10.95
1992	11.81	11.26	10.96	11.47	11.98	12.31	12.39	12.39	12.23	12.10	11.83	11.36	11.83
1993	10.93	10.78	11.11	12.19	12.50	11.94	11.21	11.01	12.02	12.56	12.71	12.46	11.75

MILK COWS 1/
(Dollars Per Head)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average Price
1989	940	---	---	950	---	---	940	---	---	960	---	---	950
1990	1,080	---	---	1,090	---	---	1,100	---	---	1,140	---	---	1,100
1991	1,020	---	---	1,030	---	---	1,010	---	---	1,030	---	---	1,020
1992	1,000	---	---	1,040	---	---	1,070	---	---	1,090	---	---	1,050
1993	1,070	---	---	1,100	---	---	1,110	---	---	1,100	---	---	1,100

1/ Milk cows sold for dairy herd replacement only.

MINNESOTA MONTHLY PRICES RECEIVED BY FARMERS FOR POULTRY

TURKEYS
(Cents Per Pound - Liveweight)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average Price
1989	36.0	39.0	40.0	40.0	40.0	38.0	38.0	37.0	35.0	35.0	35.0	35.0	37.0
1990	34.0	35.0	36.0	35.0	35.0	35.0	35.0	35.0	36.0	36.0	35.0	33.0	35.0
1991	35.0	36.0	38.0	37.0	36.0	36.0	35.0	35.0	35.0	35.0	36.0	36.0	36.0
1992	36.0	37.0	38.0	38.0	36.0	36.0	34.0	34.0	34.0	34.0	34.0	34.0	35.0
1993	35.0	36.0	37.0	37.0	36.0	35.0	34.0	35.0	35.0	35.0	36.0	35.0	35.0

TABLE MARKET EGGS 1/
(Cents Per Dozen)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average Price
1989	44.0	43.0	63.0	49.0	46.0	47.0	47.0	52.0	52.0	51.0	62.0	64.0	50.0
1990	73.0	57.0	62.0	60.0	47.0	50.0	37.0	50.0	49.0	55.0	58.0	61.0	55.2
1991	61.0	62.0	53.0	64.0	55.0	43.0	42.0	47.0	46.0	46.0	46.0	46.0	51.0
1992	40.0	34.0	34.0	34.0	32.0	33.0	37.0	38.0	43.0	39.0	50.0	48.0	38.0
1993	44.0	40.0	54.0	48.0	40.0	46.0	39.0	43.0	35.0	40.0	44.0	40.0	43.0

1/ Table market eggs include eggs sold retail by the producers but exclude hatching eggs. The annual average price is the marketing year average - December previous year through November current year.

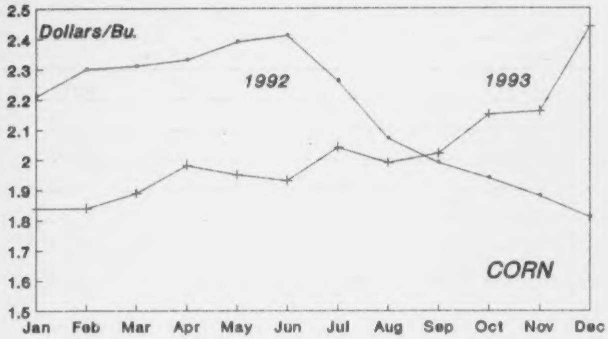
MINNESOTA QUARTERLY PRICES PAID BY FARMERS

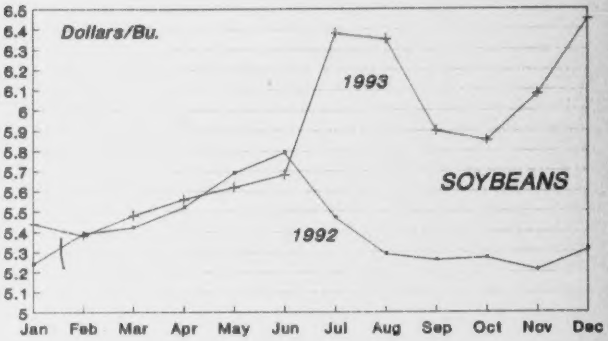
FEEDER PIGS
(Dollars Per Cwt.)

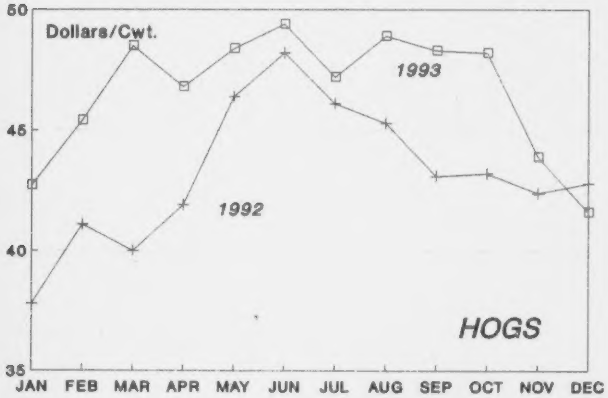
Year	Nov. 1/	Feb.	May	Aug.
1989	70.00	80.00	81.00	70.50
1990	90.50	112.00	124.00	104.00
1991	104.00	118.00	122.00	92.50
1992	73.50	84.50	84.50	70.50
1993	68.50	92.00	102.00	88.50

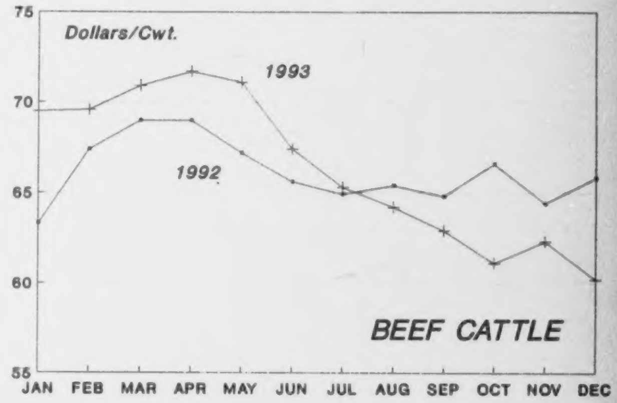
1/ November previous year.

Minnesota Prices Received





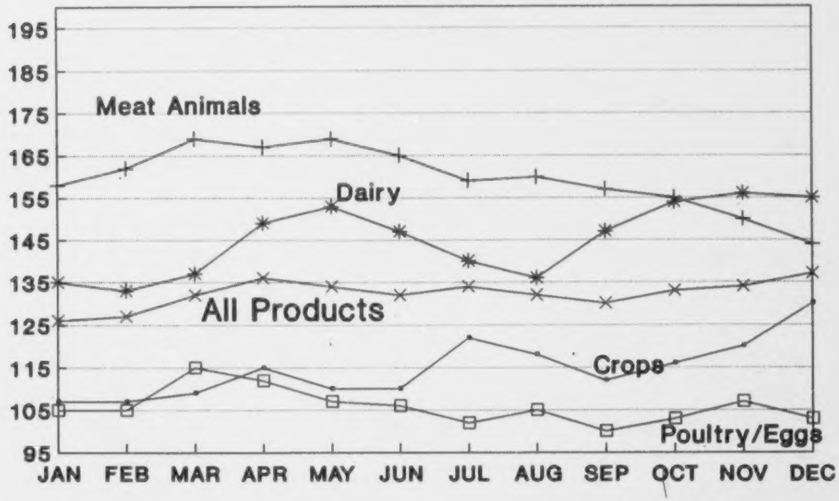




PRICES RECEIVED 1993

MINNESOTA MONTHLY INDEXES

(1977=100)



Index

Apples 14, 31
Assets, Farm 15
Barley:
  Acreage, Yield, Production 22, 27, 50
  Cash Receipts 14
  Marketings 62
  Planting & Harvesting 59
  Prices 27, 97
Rank Of Important States & Counties 3-4
Records Set 23
Stocks 61
Value 27
Beans, Dry Edible:
  Acreage, Yield, Production 22, 30, 54
  Dry Beans By Types 30
  Cash Receipts 14
  Prices 30, 97
  Rank Of Important States & Counties 3-4
  Records Set 23
  Value 30
Bees, Honey 79
Butter 3, 84, 85
Carrots 31
Cash Receipts:
  County Totals 12-13
  Geographic Distribution 15
  Individual Commodities 14
  Rank Of Important States & Counties 3-4
  Farm Income 11
Cattle & Calves:
  Calf Crop 67, 70, 71
  Cash Receipts 14, 71
  Farms With Cattle & Calves 67
  Geographic Distribution 76
  Marketings 71
  Number --
    Of Operations 67
    On Farms 69, 70, 71, 72-73
    On Feed 70, 71, 72-73
  Prices 71, 98, 102
  Rank Of Important States & Counties 3-4
  Records Set 68
  Slaughter 71, 83
  Value 67, 70, 71
Cheese 3, 84, 85
Chickens:
  Broilers 14, 90, 91
  Cash Receipts 14
  Egg Production 90, 91, 93, 94
  Hatchery Production 92, 94
  Number 70, 90, 91, 92, 93
  Rank Of Important States & Counties 3-4
  Records Set 68
  Value 70, 90, 91
Climatic Summary 18-20
Corn:
  Acreage, Yield,
    Production 22, 24, 27, 34-35, 36-37
  Cash Receipts 14
  Chemical Usage 33
  Geographic Distribution 25
  Marketings 62
  Planting & Harvesting 59-60
  Prices 27, 98, 102
  Rank Of Important States & Counties 3-4
  Records Set 23
  Stocks 61
  Value 27
  (See Also Sweet Corn & Silage Corn)
Cows:
  Farms With Cows 67
  Geographic Distribution 77
  Number 69, 70, 74-75, 85, 86-87, 88
  Prices 97, 100
  Rank Of Important States & Counties 3-4
  Records Set 68
Cows (Cont'd)
  Value 70
  (See Also Dairy, Cattle)
Crops (See Specific Commodity)
Crop Assets 15
Dairy:
  Cash Receipts 14
  Charts: Milk Production & Cows 88
  Farms by Type A & B 89
  Income 84
  Manufacturing Products 84
  Prices 100
  Rank Of Important States & Counties 3-4
  (See Also Individual Commodities)
Debt, Farm 15
Eggs:
  Cash Receipts 14
  Prices 90, 101
  Production 90, 91, 92, 94
  Rank Of Important States 3
  Value 90, 91
Employment, Farm 65
Equity, Farm 15
Expenses, Farm Production 11
Exports 3, 8
Farms:
  Number, Land In Farms 5, 6-7
    Average Size 5
    Livestock 67
    Grade A & B Dairy Farms 89
Fertilizer Use 64
Financial Assets 15
Flaxseed:
  Acreage, Yield, Production 22, 28, 56
  Cash Receipts 14
  Marketings 62
  Planting & Harvesting 59
  Prices 28
  Rank Of Important States & Counties 3-4
  Value 28
Floriculture 14, 63
Food, Marketing & Farmer's Share 7, 16
Food Costs 16, 17
Frost Dates 19
Government Payments 4, 11, 12-13
Grains:
  Marketings By Months 62
  Stocks 61
  (See Also Specific Commodities)
Greenhouse & Nursery 14, 63
Harvesting Dates 59-60
Hay:
  Acreage, Yield,
    Production 22, 29, 46-47, 48-49
  Cash Receipts 14
  Geographic Distribution 26
  Marketings 62
  Harvesting Dates 59
  Prices 29, 97
Hay (Continued)
  Rank Of Important States & Counties 3-4
  Records Set 23
  Stocks 61
  Value 29
Hogs:
  Cash Receipts 14, 79
  Farms With Hogs 67
  Farrowings 67, 78, 80-81
  Geographic Distribution 76
  Marketings 78, 79
  Number 671, 69, 70, 78, 80-81
  Pig Crop 67, 70, 80-81
  Prices 79, 99, 101, 102
  Rank Of Important States & Counties 3-4
  Records Set 68
  Slaughter 78, 83
  Value 67, 70, 79
Honey 3, 14, 79
Ice Cream 3, 84
Income, Farm:
  Cash Receipts 11, 9, 12-13
  Income Per Farm 11
  Rank Of Important States & Counties 3-4
  (See Also Specific Commodities)
Land, Farm Value 9
Labor, Farm 65
Land In Farms 5
Livestock (See Specific Kinds)
Livestock Assets 15
Livestock Operations by Size Group 69
Machinery Assets 15
Marketing Share Of Food Dollar 16
Milk:
  Cash Receipts 84
  Charts: Monthly Production & Cows 84
  Disposition 88
  Geographic Distribution 89
  Grade A & B Farms by County 89
  Income 84
  Milkfat 85
  Non-Fat Dry Milk 84
  Prices 100
  Production 84, 85, 86-87, 88
  Products Manufactured 84
  Rank Of Important States & Counties 3-4
  Records Set 68
Mink 3, 79
Oats:
  Acreage, Yield, Production 22, 27, 45-45
  Cash Receipts 14
  Marketings 62
  Planting & Harvesting 59
  Prices 27, 98
  Rank Of Important States & Counties 3-4
  Records Set 23
  Stocks 61
  Value 27
Onions 31
Peas, Green For Processing 3-4, 14, 31, 58
Pigs (See Hogs)
Planting & Harvesting Dates 59-60
Potatoes:
  Acreage, Yield, Production 32, 52
  Cash Receipts 14
  Prices 32, 97
  Rank Of Important States & Counties 3-4
  Records Set 23
  Stocks 32, 52
  Value 32
Poultry (See Specific Kind)
Precipitation 18, 20
Prices:
  Received By Farmers 96-102
  (See Also Specific Commodity)
Production Expenses 11
Rank Of Important Counties 4
Rank Of Important States 3
Real Estate Assets, Debt 15
Records Set: Crop Production 23
    Livestock Production 68
Red Meat Production 3, 83
Rent, Farm Cash 10
Rice, Wild 64
Rye:
  Acreage, Yield, Production 22, 27, 51
  Cash Receipts 14
  Planting & Harvesting 59
  Prices 27
  Rank Of Important States & Counties 3-4
  Value 27
Sheep & Lambs:
  Cash Receipts 14
  Farms With Sheep 67
  Geographic Distribution 77
  Lamb Crop 70, 82
  Marketings 82
  Number 69, 70, 72-73, 82
  Numbers Shorn For Wool 82
Sheep & Lambs (Cont'd)
  Prices 99
Sheep & Lambs (Cont'd)
  Rank Of Important States & Counties 3-4
  Records Set 68
  Slaughter 83
  Value 67, 82
Silage Corn 27, 36-37
Soybeans:
  Acreage, Yield, Prod. 22, 24, 27, 38-39
  Cash Receipts 14
  Geographic Distribution 25
  Marketings 62
  Planting & Harvesting 59-60
  Prices 27, 98, 102
  Rank of Important States & Counties 3-4
  Records Set 23
  Stocks 61
  Value 27
Sugarbeets:
  Acreage, Yield, Production 22, 28, 53
  Cash Receipts 14
  Planting & Harvesting 59
  Prices 28
  Rank Of Important States & Counties 3-4
  Records Set 23
  Value 28
Sunflowers:
  Acreage, Yield, Production 22, 29, 55-56
  Cash Receipts 14
  Planting & Harvesting 59
  Prices 29, 98
  Rank Of Important States & Counties 3-4
Sunflowers (Cont'd)
  Records Set 23
  Value 29
Sweet Corn For Processing 3-4, 14, 31, 57
Temperature 18
Turkeys:
  Cash Receipts 14
  Hatchery Production 90, 92
  Numbers 90, 91
  Prices 90, 101
  Rank Of Important States 3, 93
  Records Set 68
  Value 90, 91
Wage Rates, Farm 65
Weather Summary 18-20
Wheat:
  Acreage, Yield,
    Production 22, 28, 40-41, 42-43
  Cash Receipts 14
  Geographic Distribution 26
  Marketings 62
  Planting & Harvesting 59-60
  Prices 28, 98
  Rank Of Important States & Counties 3-4
  Records Set 23
  Stocks 61
  Value 28
Wild Rice 64
Wool 82

MINNESOTA
Agricultural
STATISTICS
SERVICE

P.O. BOX 7068
ST. PAUL, MN 55107

BULK-RATE
POSTAGE & FEES PAID
USDA
PERMIT NO. G-38